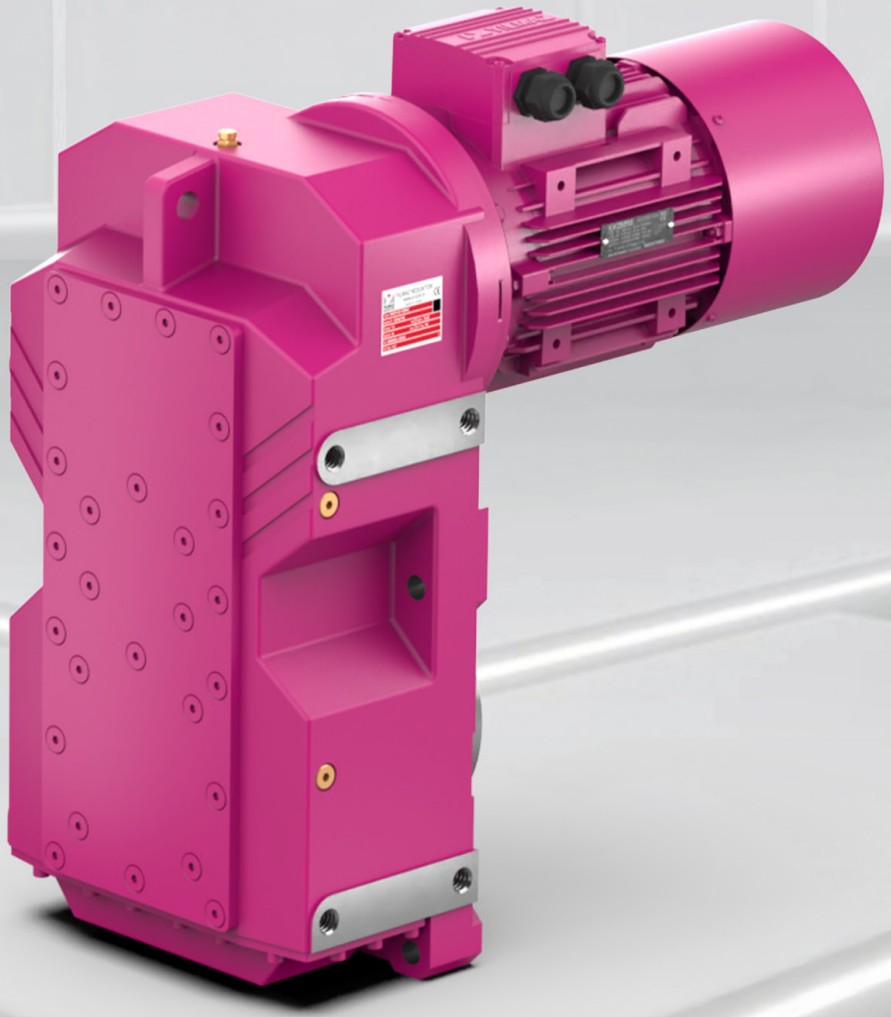
V SERİSİ
SERIES

YILMAZ REDÜKTÖR

Vinç Tamburu Tahrik Redüktörü
Teknik Ürün Kataloğu

Hoist Drum Drive Units
Technical Product Catalogue



V273-...-V873
7 Büyüklük / Size
0.5 - 75 Ton / Tones

IE2 IE3 IE4

TR GB DE

V0900-0526

Firmamız, 1958 yılında saygın iş insanı Sn. Mesut Yılmaz tarafından kurulmuştur. 1963 yılından itibaren redüktör üretimine yoğunlaşan firmamız, sektörün ihtiyaçlarına uygun olarak seri, standart ve ekonomik çözümler sunmayı, en önemli hedefi ise kaliteyi her zaman ön planda tutarak uluslararası pazarda güçlü bir konum elde etmeyi amaçlamıştır.



Kurucumuz: Mesut YILMAZ
Our founder:

Our company was founded in 1958 by the respected businessman Mr. Mesut Yılmaz. Since 1963, the company has focused on the production of gearbox, aiming to provide serial, standard, and economical solutions that meet the industry's needs, with the primary goal of always prioritizing quality to establish a strong position in the international market.

Bugün, Beylikdüz'ndeki ana üretim tesisi ve Çerkezköy'deki ikinci redüktör fabrikası ile faaliyetlerini sürdüren firmamız, ELK Motor ve MES Döküm gibi grup şirketleriyle birlikte toplamda 200.000 m²'lik kapalı alanda üretim yapmaktadır.

Today, our company continues its operations with its main production facility in Beylikdüzü and a second gearbox factory in Çerkezköy. Together with our group companies, ELK Motor and MES Döküm, we carry out production in a total closed area of 200.000 m².

Yılmaz Grup Şirketleri / *Yılmaz Group Companies*



Yılmaz Redüktör Fabrikası-1 / Factory-1
40.000 m² Kapalı Alan / Closed Area
Esenyurt / İstanbul
www.yr.com.tr



Yılmaz Redüktör Fabrikası-2 / Factory-2
70.000 m² Kapalı Alan / Closed Area
Çerkezköy / Tekirdağ

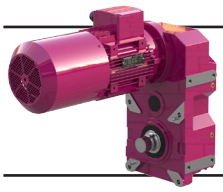


ELK Motor Fabrikası / Motor Factory
50.000 m² Kapalı Alan / Closed Area
Çerkezköy / Tekirdağ
www.elkmotor.com.tr



MES Döküm Fabrikası / Casting Factory
42.000 m² Kapalı Alan / Closed Area
Çerkezköy / Tekirdağ
www.mesdokum.com.tr

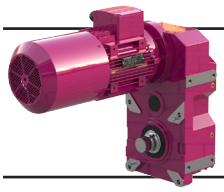
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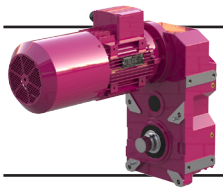
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V0900-0526



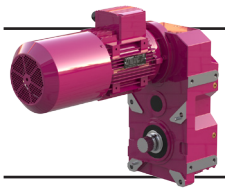
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Genel Bilgiler
General Information
Einführung

Sembollerin Açıklaması	*Key of Symbols*	Erklärung von Bezeichnungen
c_t .....: Anahtarın devreye girme zamanı katsayısı	c_t .....: *Coefficient of switch on time*	c_t .....: Reduktionskoeffizient der Tätigkeitszeit
D_T .....: Tambur çapı [mm]	D_T .....: *Drum diameter [mm]*	D_T .....: Trommeldruchmesser [mm]
f_s .....: Servis faktörü	f_s .....: *Service factor*	f_s .....: Betriebsfaktor
f_q .....: Radyal yük [N]	f_q .....: *Overhung load [N]*	f_q .....: Querkraft [N]
F_{qam} .....: Çıkış milinde müsade edilen radyal yöndeki yükler [N]	F_{qam} .....: *Permissible overhung loads applied to output shafts [N]*	F_{qam} .....: Zulässige Querkräfte auf Abtriebswelle [N]
H .....: Kanca yüksekliği [m]	H .....: *Hook path [m]*	H .....: Hakenweg [m]
i .....: Çevrim oranı	i .....: *Transmission ratio*	i .....: Übersetzung
k .....: Donam sayısı	k .....: *Falls*	k .....: Einscherung
K_m .....: Yükleme türü	K_m .....: *State of loading*	K_m .....: Lastkollektivfaktor
L .....: Yük [ton]	L .....: *Load [tones]*	L .....: Last [tonnen]
M_2 .....: Çıkış momenti [Nm]	M_2 .....: *Output torque [Nm]*	M_2 .....: Ausgangsdrehmoment [Nm]
n .....: Vincin saatteki çalışma sayısı	n .....: *Number of cycles per hour*	n .....: Anzahl von Starten pro Stunde
n_1 .....: Giriş devri [d/dk]	n_1 .....: *Input speed of gearbox [rpm]*	n_1 .....: Antriebsdrehzahl [U/min]
n_2 .....: Çıkış devri [d/dk]	n_2 .....: *Output speed of gearbox [rpm]*	n_2 .....: Abtriebsdrehzahl [U/min]
P_1 .....: Redüktör giriş gücü [kW]	P_1 .....: *Input power of gearbox [kW]*	P_1 .....: Antriebsleistung [kW]
P_e .....: Redüktör nominal giriş gücü [kW]	P_e .....: *Nominal power [kW]*	P_e .....: Getriebe Nennleistung [kW]
T .....: Vincin günlük çalışma saati [saat]	T .....: *Crane working time per day [hours]*	T .....: Betriebsstunden pro Tag [Stunde]
V_h .....: Kaldırma hızı [m/dk]	V_h .....: *Lifting speed [m/min]*	V_h .....: Hubgeschwindigkeit [m/min]
z .....: Avare makara sayısı	z .....: *Number of idle pulleys*	z .....: Anzahl von Losrollen
η .....: Redüktör verimi	η .....: *Gearbox efficiency*	η .....: Wirkungsgrad des Getriebes
η_s .....: Toplam halat donam düzeni verimi	η_s .....: *Total rope reeving arrangament efficiency*	η_s .....: Wirkungsgrad von Anordung der Einscherung



Genel Bilgiler
General Information
Einführung

Ürün Yelpazesi

Elinizdeki katalog sadece **V serisi** ürünleri içermektedir.

- M ve N Serisi
Helisel alın dişliye sahip, giriş ve çıkış milleri aynı düzlem üzerinde ve birbirine paralel uzanan, üzerlerinde bulunan ayak veya flanş ile makinaya sabitlenen redüktörlerdir. Dolu mil çıkışlıdır.

Production Range

*This catalogue is containing **V series** of gearboxes only.*

- M and N Series
M and N series of YILMAZ REDÜKTÖR are helical geared. The input and output shafts are parallel to each other and on the same plane. The gearbox can be connected to the machine by using the foot or flange on the gearbox. Has solid output shaft.

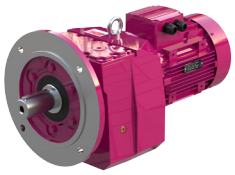
Produktpalette

Dieses Katalog umfasst nur die **V Serie** Getriebe.

- M und N Serie
Diese Modelle sind Stirnradgetriebe mit parallelen Antriebs- und Abtriebswelle auf einer Ebene. Die Getriebe werden mit Fuß- oder Flanschverbindung an die angetriebene Maschine angekoppelt. Hat Vollwelle am Ausgang.



M



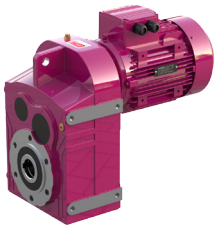
N

13 farklı büyüklükte;
Moment aralığı: 80 - 18.000 Nm
Devir aralığı: 0,1 - 800 d/dak
13 different sizes:
Torque range: 80 - 18.000 Nm
Speed range: 0,1 - 800 rpm
13 verschiedene Baugrößen:
Drehmomentbereich: 80 - 18.000 Nm
Drehzahlbereich : 0,1 - 800 U/min

- D Serisi
Helisel alın dişliye sahip, giriş ve çıkış milleri aynı düzlem üzerinde, birbirine paralel ve belirli bir aralıkta yerleştirilmiş, iki yan yüzde bulunan bağlantı civataları, flanş veya tork kolu ile makinaya sabitlenen redüktörlerdir. Delik milli veya mil çıkışlı olabilir.

- D Series
D series are helical geared gearboxes with parallel input and output shafts. The shafts have a distance in between and located on the same plane. The gearbox can be assembled to the machine by using, the connection screws on the sides, flange or torque arm on the gearbox. Can have hollow or solid output shaft.

- D Serie
Diese Getriebe sind Stirnradgetriebe mit paralleler Antriebs- und Abtriebswelle, die auf einer Ebene liegen und einen Abstand zueinander haben. Diese Getriebe wird seitlich mit Gewindelöchern am Maschine oder mit einer Flansch verbindet. Kann Voll- und Hohlwelle am Ausgang haben.

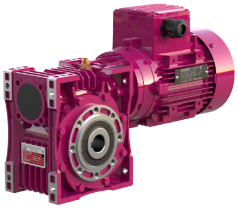


11 farklı büyüklükte;
Moment aralığı: 150 - 18.000 Nm
Devir aralığı: 0,1 - 810 d/dak
11 different sizes:
Torque range: 150 - 18.000 Nm
Speed range: 0,1 - 810 rpm
11 verschiedene Baugrößen:
Drehmomentbereich: 150 - 18.000 Nm
Drehzahlbereich : 0,1 - 810 U/min

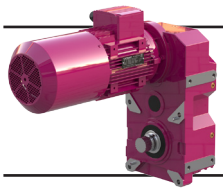
- E Serisi
Sonsuz vida ve çark dişlili, belirli bir aralıkta ve birbirine dik konumlandırılmış giriş ve çıkış millerine sahip, çepeçevre konumlandırılmış ayak bağlantıları, flanş veya tork kolu ile makinaya sabitlenebilen redüktörlerdir. Delik milli veya mil çıkışlı olabilir.

- E Series
E series gearboxes are with worm and wormwheel. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine by the use of the foot, flange or torque arm on the gearbox. Can have hollow or solid output shaft.

- E Serie
Diese Getriebe bestehen aus Schnecke und Schneckenrad. Die Antriebs-und Abtriebswellen sind senkrecht zueinander und haben einen bestimmten Abstand. Das Getriebe wird mit Fußbefestigung,Flanschverbindung oder mit Drehmomentstütze an die angetriebene Maschine montiert. Kann Voll- und Hohlwelle am Ausgang haben.



8 farklı büyüklükte;
Moment aralığı: 5 - 1.000 Nm
Devir aralığı: 0,2 - 270 d/dak
8 different sizes:
Torque range: 5 - 1.000 Nm
Speed range: 0,2 - 270 rpm
8 verschiedene Baugrößen:
Drehmomentbereich: 5 - 1.000 Nm
Drehzahlbereich : 0,2 - 270 U/min

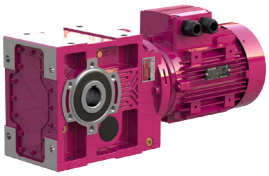


Genel Bilgiler
General Information
Einführung

- K Serisi
Helisel alın dişli ve konik dişlilerden oluşan, birbirine dik ve belirli bir aralıkta konumlandırılmış giriş ve çıkış miline sahip, çepeçevre sunulan ayaklar, flanş veya tork kolu ile makinaya sabitlenen redüktörlerdir. E serisinden farklı olarak yüksek verime sahiptirler. Delik milli veya mil çıkışlı olabilir.

- K Series
These are gearboxes with helical and bevel gears. The input and output shafts are perpendicular to each other and have a distance in between. It can be assembled to the driven machine using the foot, flange or torque arm on the gearbox. They have high efficiency compared to E series. Can have hollow or solid output shaft.

- K Serie
Diese Getrieben bestehen aus Stirnräder und Kegelräder. Die Antrieb und Abtriebswellen sind senkrecht und haben einen Abstand zueinander. Das Getriebe wird mit Fußbefestigung, Flanschverbindung oder Drehmomentstütze an die angetriebene Maschine montiert. Der Wirkungsgrad ist wesentlich höher als E Serie. Kann Voll- und Hohlwelle am Ausgang haben.



13 farklı büyüklükte;
Moment aralığı: 80 - 20.000 Nm
Devir aralığı: 0,1 - 460 d/dak
13 different sizes:
Torque range: 80 - 20.000 Nm
Speed range: 0,1 - 460 rpm
13 verschiedene Baugrößen:
Drehmomentbereich: 80 - 20.000 Nm
Drehzahlbereich : 0,1 - 460 U/min

- T Serisi
T Serisi redüktörler helisel dişli motorsuz delik milli redüktörlerdir. T Serisi redüktörler delik milli olması ve kompakt gövde yapısı sayesinde daha küçük hacimli alanlara montajı yapılabilmektedir.

- T Series
T Series are gear units which are helical geared hollow shaft mounted gear units and manufactured according to monoblock principal. T Series gearboxes have hollow shaft and compact housing so that T series can be mounted on smaller places.

- T Serie
Die Getriebe der T-Serie sind schrägverzahnte Hohlwellen-Flachgetriebe in einem Monoblockgehäuse. Die T-Serie hat ein kompaktes Gehäuse und wird serienmäßig mit einer Abtriebshohlwelle hergestellt, sodass das Getriebe nur minimalen Platzbedarf hat.

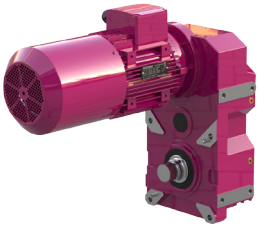


9 farklı büyüklükte;
Moment aralığı: 640 - 21.000 Nm
Tahvil oranları: 5 - 13 - 20
9 different sizes:
Torque range: 640 - 21.000 Nm
Transmission ratio: 5 - 13 - 20
9 verschiedene Baugrößen:
Drehmomentbereich : 640 - 21.000 Nm
Übersetzung: 5 - 13 - 20

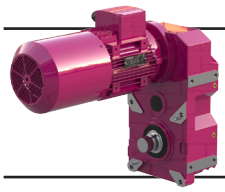
- V Serisi
V vinç redüktörleri M1 - M8 (1Dm - 5m) vinç sınıflarına uygun olarak, çift veya sabit devirli frenli motorlarla üretilebilmektedir.

- V Serie
V hoist drives are produced according to M1 - M8 (1Dm - 5m) crane classes.

- V Serie
V Krane und Hebezeuge werden geeignet zur Kranklasse M1 - M8 (1Dm - 5m) hergestellt.



VR vinç redüktörleri
M1 - M8, (1Dm - 5m) yük sınıfı
ISO 4301 / 1, (FEM 1.001 / III)
VR Hoist Drive Units
M1 - M8, (1Dm - 5m) load classification
ISO 4301 / 1, (FEM 1.001 / III)
VR Kran und Hebezeug Getriebe
M1 - M8, (1Dm - 5m) Belastungsart
ISO 4301 / 1, (FEM 1.001 / III)

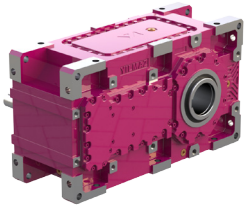


Genel Bilgiler
General Information
Einführung

- H ve B Serisi
Helisel ve/veya konik dişliye sahip ağır hizmet tipi redüktörlerdir. Giriş ve çıkış milleri birbirine paralel veya dik olabilir. Her yönden bağlantı için ayak bağlantıları bulunur. Opsiyonel olarak flanş ile de bağlanabilir. Delik milli veya mil çıkışlı olabilir.

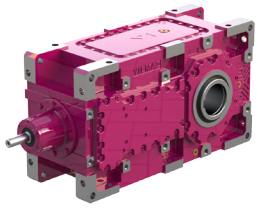
- H and B Series
These gearboxes are helical or/and bevel geared industrial gearboxes . The input and output shafts can be arranged parallel or perpendicular to each other. The gearbox can be assembled by the use of the foot connections on each side. Flange connections are optional. Can have hollow or solid output shaft.

- H und B Serie
Diese Getriebe sind geeignet für industrielle Anwendungen und haben parallelen oder senkrechten Antrieb und Abtriebswelle auf einer Ebene. Das Getriebe kann mit Fußen, die auf jede Seite der Getriebe vorhanden sind, oder optional mit Flansch an die angetriebene Maschine montiert werden. Kann Voll-und Hohlwelle am Ausgang haben.



H

20 farklı büyüklükte;
Moment aralığı: 3.000 - 470.000 Nm
Tahvil oranları: 1,54 - 420
20 different sizes:
Torque range: 3.000 - 470.000 Nm
Transmission ratio: 1,54 - 420
20 verschiedene Baugrößen:
Drehmomentber. : 3.000- 470.000 Nm
Übersetzung: 1,54 - 420



B

20 farklı büyüklükte;
Moment aralığı: 3.000 - 470.000 Nm
Tahvil oranları: 3,08 - 431
20 different sizes:
Torque range: 3.000 - 470.000 Nm
Transmission ratio: 3,08 - 431
20 verschiedene Baugrößen:
Drehmomentber. : 3.000 - 470.000 Nm
Übersetzung: 3,08 - 430

- P ve R Serisi
P ve R Serisi redüktörler planet dişli redüktörlerdir. Endüstriyel ve mobil uygulamalarda kullanılırlar. Diğer redüktör tiplerine göre daha küçük hacimde daha büyük tork iletebilirler.

- P and R Series
P and R Series gearboxes are planetary gearboxes. They are mostly used by industrial and mobile applications. Planetary gearboxes can transfer high torques in small volumes compared to other gearboxes.

- P und R Serie
P und R Serie sind Planetengetriebe, die vielseitig im Industrie und bei mobiler Anwendungen einsetzbar sind, mit Planetenzahnräder. Planetengetriebe können im Vergleich zu anderen Getrieben größere Drehmomente bei kleineren Bauvolumen übertragen.



P



R

13 farklı büyüklükte;
Moment aralığı: 1.000 - 135.000 Nm
Tahvil oranları: 3,43 - 7588
13 different sizes:
Torque range: 1.000 - 135.000 Nm
Transmission ratio: 3,43 - 7588
13 verschiedene Baugrößen:
Drehmomentber. : 1.000 - 135.000 Nm
Übersetzung: 3,43 - 7588

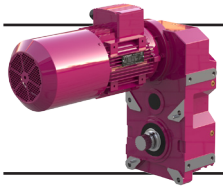
- PF Serisi
Çift milli beton mikserleri (Twin Şaft) için üretilen, kasnak bağlantısı için özel giriş flanşına sahip konik giriş kademeli planet redüktörlerdir.

- PF Series
Planetary gearboxes with bevel stage input designed for twin shaft concrete mixer applications with special flange for pulley connection.

- PF Serie
Die Antriebsstufe der Baureihe PF besteht aus einem Kegelrad und diese Getriebe sind besonders für Doppelwellen-Betonmischer mit einem speziellen Antriebsflansch zur Verbindung einer Riemenscheibe konzipiert.



4 farklı büyüklükte;
Moment aralığı: 5.500 - 35.700 Nm
Tahvil oranları: 11,93 - 28,17
4 different sizes:
Torque range: 5.500 - 35.700 Nm
Transmission ratio: 11,93 - 28,17
4 verschiedene Baugrößen:
Drehmomentber. : 5.500 - 35.700 Nm
Übersetzung: 11,93 - 28,17



Genel Bilgiler
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V Serisi Redüktörlerin Genel Özellikleri

YILMAZ REDÜKTÖR V serisi redüktörleri monoblok gövde prensibine göre üretilen, helisel dişli, üç kademeli vinç tamburu tahrik redüktörleridir.

Monoblok gövde yapısı sayesinde gövde eksenleri tek operasyonda işlenerek yüksek imalat hassasiyeti sağlanmaktadır. V serisi redüktörlerde cıvata bağlantısı direkt gövde üzerindeki kulaklardan yapılmaktadır. Uzun saplama veya cıvata gerektirmez. Bu sayede yapılan bağlantı daha rijittir. Giriş ve çıkış eksenleri olabildiğince açık tutulmuştur. Yüksek halat ömrü için büyük çaplardaki tamburların kullanılabilmesi amaçlanmıştır.

V serisi redüktörlerde çıkış mili yataklama boyu uzun, gövde eni geniştir. Yüksek yataklama boyu ve konik masuralı rulmanların kullanılması ile redüktörün radyal yük taşıma kabiliyeti artırılmıştır. Redüktör içerisinde kullanılan geniş dişliler sayesinde daha küçük hacimde daha yüksek ISO/FEM sınıfları karşılanabilmektedir. GGG40 sfero malzemeden dökülen gövde ve yüksek kalitede taşlanmış ve sertleştirilmiş sementasyon çeliği dişliler kalite kontrol sistemi altında sürekli kontrol altında tutularak imal edilebilmektedir. Çıkış milleri DIN 5480'e göre farklı ölçülerde çoklu kamalı olarak üretilmektedir.

Müşteri isteğine göre çift veya tek devirli, frenli motorlarla kullanılabilmektedir. Yedi adet gövde büyüklüğüne sahip V serisi redüktörler 0,5 - 75 aralığında tonajlar için kullanabilmektedir.

YILMAZ REDÜKTÖR olarak tasarım prensibimiz;

-Yüksek teknoloji kullanmak
-Güvenilirlik,
-Yüksek güç yoğunluğu,
-Yüksek verim,
-Montaj uyumluluğu,
-Esnek çözümler

Dikkat Edilecek Hususlar !
- Bu katalogda verilen resimler görsel amaçlıdır ve şekilsel detaylar bağlayıcı değildir.
- YILMAZ REDÜKTÖR, ürünler ve kataloglar üzerinde, müşterileri bilgilendirmeksizin her türlü değişikliği yapma hakkına sahiptir.
- Ürünler teslim alındıktan sonra ürünle birlikte verilen kullanım kılavuzu okunmadan sistem devreye alınmamalıdır.
- Katalogda verilen yağ miktarları referans amaçlıdır. Gerçek yağ seviyesi için redüktör üzerinde bulunan yağ seviye tapası kullanılmalıdır. Yağ vizkozitesi için, redüktör etiketine bakınız.
- Bu katalogda verilen redüktör ağırlıkları ortalama ağırlık değerleridir. Tahvil oranına ve üzerinde bağlı olan aksesuara göre ağırlıklar farklılık gösterebilir.

- Redüktörlerde oluşabilecek arızaları (mil kopması, dişli sıyırması vb.) dikkate alarak yaralanma ve hayati risk oluşumlarını önlemek için makine üreticisi veya kullanıcısı makine üzerinde veya redüktörün kullanılacağı yerde gerekli önlemleri almakta sorumludur.

General Specifications of V Series Gearboxes

YILMAZ REDÜKTÖR V series gear units are three stage, helical geared hoist drum drive units produced according to monoblock principal.

With the help of monoblock housing all axises are machined on a single operation to achieve high precision on the production. V series bolt connections are made directly on the housing with the help of easy connection holes which doesn't require long bolts. That ensures rigid mounting. Input and output centre distance is extended as possible for using larger drums to achieve longer rope service lifes.

V series gear unit's output shaft bearing distance is long and housing width is extended. With the help of longer bearing distance and taper rolling bearings they have the capability of withstanding high radial loads. V series are designed for higher ISO/FEM classes with longer gear face widths compared to similar size of products. Housing material is GGG40 cast iron and gears are made of high quality case carburized steel. Material properties as well as manufacturing processes are controlled constantly. Their output shafts are solid output shafts with spline according to DIN5480 and are produced with different dimensions.

V series gear units are designed for double and single speed brake motors. They have five different sizes between 0,5 - 75 tones load range.

As we are YILMAZ REDÜKTÖR, our design principals are;
-Using high technology
-Reliability
-High power density
-High efficiency
-Mounting compatible
-Flexible solutions

Attention to the following points !
- Drawings are examples only and the details on the drawings or illustrations are not strictly binding.
- YILMAZ REDÜKTÖR reserve the right to make all kinds of changes in products and cataloques without any notice.
- Prior to commissioning, the operating instructions provided with the gearbox must be observed.
- Oil quantities given are guide values only. The exact quantity of oil should be checked by using the provided oil level plugs according mounting positions. For correct oil viscosity refer to the nameplate.
The weights given in this catalogue are mean values. Depending on the ratio and accessories the weights can differ.

- The machine manufacturer or user is responsible for taking the necessary precautions on the machine or at the place where the gearbox will be used, in order to prevent injury and life-threatening risks by taking into account the shaft, gear failures etc. that may occur in the gearboxes.

Allgemeine Eigenschaften von V Serie Getrieben

YILMAZ REDÜKTÖR V Serie Getriebe sind Antriebseinheiten von Hubwerkstrommel und sind 3-stufig. Sie bestehen aus Stirnradzahnräder und Gehäuse, das auf einmal gegossen wird.

Mit Hilfe von Blockgehäuse werden alle Achsen mit einer Aufspannung bearbeitet. Dieses Vorgehen erlaubt höchste Genauigkeit bei Achsentoleranzen. Schraubenverbindungen von V Serie werden direkt auf dem Gehäuse mit einfachen Anschlusslöchern gemacht. Dies ermöglicht Verwendung von kürzeren Schrauben und dadurch starre Befestigung. Achsenabstand zwischen Ein- und Ausgang ist möglichst lang entworfen. Damit kann größere Trommel mit hoher Seillebensdauer verwendet werden.

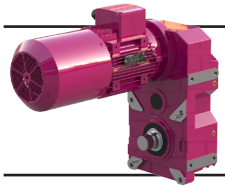
V Serie Getriebemotoren haben am Ausgang lange Lagerabstand und Weite von Gehäusen sind erweitert. Mit Hilfe von langer Lagerabstand und Kegelrollenlager können diese Getriebe hohe Querkräfte tragen. V Serie sind entworfen für hohe ISO/FEM Klassen mit langem Zahnradbreiten verglichen mit Getriebe ähnlichen Baugrößen. Gehäuse ist aus GGG40 Gusseisen und Zahnräder werden aus einsatzgehärteten Stahl mit hoher Qualität hergestellt. Ausgangswellen sind Keilwellen nach DIN 5480 und werden in verschiedenen Dimensionen zur Verfügung gestellt.

V Serie Getriebemotoren sind entworfen für 1- und 2-Gang-Elektromotren. Diese Getriebe haben 5 verschiedene Baugrößen zwischen 0.5 und 75 Tonnen Lastbereich.

Als YILMAZ REDÜKTÖR unsere Entwurfsprinzipien sind;
- Verwenden von hohen Fertigungstechniken
- Hohe Betriebssicherheit
- Leistungsdichte
- Hoher Wirkungsgrad
- Universale Montagemöglichkeit
- Sonderlösungen

Bitte folgende Punkte beachten !
- Die Abbildungen sind beispielhaft und nicht verbindlich.
- Alle Änderungen auf dem Katalog und an der Produkte bleiben vorbehalten und können ohne Kenntnisnahme erfolgen.
- Vor Inbetriebnahme ist die mit gelieferter Betriebsanleitung zu beachten.
-Angaben über Ölmengen sind unverbindlich. Maßgebend ist die Ölstandsschraube in der geeigneten Montageposition. Ölviskosität und Sorte muss den Angaben des Typenschieldes entsprechen.
-Die angegebenen Gewichte sind unverbindliche Mittelwerte ohne Zubehör; genauere Gewichte sind abhängig von Zubehör und Übersetzung.

- Der Maschinenhersteller oder Betreiber ist dafür verantwortlich, an der Maschine oder am Einsatzort des Getriebes die notwendigen Maßnahmen zu treffen, um Verletzungen und Lebensgefahr unter Berücksichtigung von möglichen Wellen- und Getriebeausfällen etc. in den Getrieben zu vermeiden.



Genel Bilgiler
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Teknik Tanımlamalar

- Vinç Sınıfları
Bir vincin sınıfı; toplam aktif çalışma süresi ve yükleme durumuna bağlıdır. ISO 4301-1 standardına göre M1...M8, FEM 9.511/86 standardına göre 1Dm...5m aralığında vinç sınıfları vardır.

- Yükleme Türü (Yük Dağılım Faktörü)
Bir vincin yükleme sınıfı sayfa 15'te anlatılan formüllerle belirlenir. Hafif, Orta, Ağır ve Çok Ağır olmak üzere dört çeşit yükleme sınıfı vardır.

- Kaldırma Kapasitesi
Bir vincin kaldırabileceği maksimum ağırlığı ifade eder.

- Kanca Yüksekliği
Vincin kancasının en yüksek pozisyonu ile en alt pozisyonu arasındaki mesafedir.

- Halat Donam Düzeni
Halat donam düzeni N/n_h - h şeklinde 3 sayı ile ifade edilir. Burada;

N : Toplam halat donam sayısı
n_h : Tamburdan çıkan halat sayısı
h : Kanca sayısı

Kanca sayısı genellikle 1 olduğunda yazılmaz. Örneğin 4/1; toplam donam sayısının 4, halat sayısının 1 olduğunu ifade eder.

- Toplam Halat Donam Sayısı
Yükün hızı ile, halatın tambura dolandığı noktadaki teğetsel hızı arasındaki orandır.

- Tambur Çapı
Halat tambur çapı aşağıdaki formül ile hesaplanır.

$D_T = h_1 \, x \, d$

D_T : Tambur çapı
d : Halat çapı
h_1 : Katsayı (Aşağıdaki tablodan bakınız)

Technical Explanations

- Crane Classification
The factors to be taken into consideration for the determining the group to which crane belongs to are; total working hours of expected service life and the state of loading. There are crane classes between M1...M8 according to ISO 4301-1 standard and between 1Dm...5m classes according to FEM 9.511/86 standard.

- State of Loading (Load Spectrum Factor)
You can calculate state of loading of a crane with the formulas written at page 15. There are four different states of loading which are Light, Moderate, Heavy and Very Heavy.

- Load Capacity
Maximum load that a crane can handle.

- Hook Path
Maximum height that a crane can raise or lower the load.

- Rope Reeving Arrangement
Rope reeving arrangement is expressed as N/n_h - h *with 3 numbers. As;*

N : *Total falls*
n_h : *Rope number*
h : *Hook number*

Hook number is not written, when it's 1. For example 4/1 means; total falls is 4 and rope number is 1.

- Falls
It is the ratio between the lifting speed and the tangential velocity of the rope at the point where it is wrapping to drum.

- Drum Diameter
Rope drum diameter can be calculated with the below written formulae.

$D_T = h_1 \, x \, d$

D_T : *Drum diameter*
d : *Rope diameter*
h_1 : *Coefficient (Look from the table below)*

Technische Erläuterungen

- Kranklassen
Klasse von einem Kran ist abhängig von gesamten Betriebsstunden bei vorgesehenem Lebensdauer und Belastungsart. Es gibt Kranklassen M1 bis M8 nach ISO 4301-1 und 1Dm bis 5m nach FEM 9.511/86.

- Belastungsart (Lastkollektiv)
Man kann Lastkollektivfaktor mit Hilfe von Gleichungen auf der Seite 15 berechnen. Es gibt vier Zustände von Belastung, nämlich Leicht, Mittel, Schwer und Sehr Schwer.

- Belastungskapazität
Maximale Belastung, die von dem Kran getragen werden kann.

- Hakenweg
Hakenweg ist der Abstand zwischen der höchsten und untersten Position von dem Haken.

- Ordnung von der Seileinscherung
Ordnung von Seileinscherung wird ausgedrückt als N/n_h - h mit 3 Zahlen.

N : Gesamteinscherung
n_h : Seilnummer
h : Hakennummer

Haken Nummer wird nicht geschrieben, wenn es 1 beträgt. Zum Beispiel 4/1 bedeutet Gesamteinscherung ist 4 und Seilnummer 1 ist.

- Einscherung
Es ist das Verhältnis zwischen der Hubgeschwindigkeit und der Geschwindigkeit des Seils an dem Punkt, wo Seil tangential zu der Trommel abgewickelt wird.

- Trommeldurchmesser
Trommeldurchmesser kann mit dem unten gegenenen Formeln berechnet werden.

$D_T = h_1 \, x \, d$

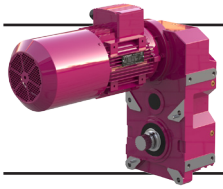
D_T : Trommeldurchmesser
d : Seildurchmesser
h_1 : Koeffizient (Sehen Sie folgende Tabelle)

FEM Grubu *FEM Group* FEM Gruppe	**Dönmeyen Halat** *Nonfexible Rope* Nicht drehendes Seil	**Dönebilen Halat** *Standard Rope* Drehendes Seil
1Em	10	11,2
1Dm	11,2	12,5
1Cm	12,5	14
1Bm	14	16
1Am	16	18
2m	18	20
3m	20	22,4
4m	22,4	25
5m	25	28

Güç devir sayfalarında verilen vinç sınıfları sadece redüktörler için verilmiştir. Vincin diğer aksamları için üretici firma kendi kontrolünü yapmalıdır.

Crane Classes which are given on performance tables only for gearboxes. Crane producers must make their calculations for other equipments.

Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nur für Getriebe. Die Kranhersteller müssen andere Krankomponenten selber kontrollieren.



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- Çıkış Momenti (M_2) [Nm]
Motorun verdiği momentin tahvil oranı ve verimle ile çarpılarak elde edilen değerdir. Redüktörün çıkışından alınabilecek momenti gösterir.

- Output Torque (M_2) [Nm]
Multiplication of motor output torque with transmission ratio and efficiency gives the result of output torque at the output shaft of the gear unit.

- Ausgangsmoment (M_2) [Nm]
Multiplikation von Ausgangsmoment des Motors mit Übersetzung und Division das Ergebnis mit Wirkungsgrad ergibt den Betrag von Ausgangsmoment der Getriebe.

- Nominal Güç (P_e) [kW]
Nominal güç, redüktörün belirtilen ISO / FEM sınıfına göre mekanik olarak taşıyabildiği güçtür. Redüktörlerin nominal güçleri, performans tablolarında verilmiştir.

- Nominal Power (P_e) [kW]
The nominal power is the power which gearbox can mechanically resist under the required ISO / FEM classification. The nominal powers are given on the performance tables.

- Nennleistung (P_e) [kW]
Die Nennleistung ist die Leistung, die von Getriebe mechanisch unter der angeforderten ISO / FEM-Gruppierung tragen werden kann. Die Nennleistungen basieren sich auf Leistungstabellen.

- Çevrim oranı (i)
Redüktörün giriş devrinin çıkış devrine oranıdır.

- Ratio (i)
Ratio between output shaft speed and input shaft speed.

- Übersetzung (i)
Wird aus dem Verhältnis von Ausgang- zu Eingangswinkelgeschwindigkeit bestimmt.

- Müsade Edilen Radyal Yükler Fqam [N]
Redüktörün çıkış milinde mil ortasından müsade edilen radyal yüklerdir.

- Permissible Overhung Loads Fqam [N]
Permissible overhung loads at the midpoint of the output shaft of gearboxes.

- Zulässige Querkräfte Fqam [N]
Zulässigen Querkräfte,die am Mittelpunkt der Abtriebswelle von Getrieben einwirken.

Teknik Özellikler

- Ses seviyesi
Redüktörlerimizin ses seviyesi VDI2159'da verilen redüktörler için müsade edilen ses seviyelerinin altındadır.

Technical Specifications

- Noise Level
The noise level of our gearboxes is below the permitted values defined in VDI guidelines 2159 for gear units.

Technische Informationen

- Geräuschpegel
Geräuschstärken aller Getriebe bleiben unter die zulässigen Werte, die für die Getriebe in der VDI-Richtlinie 2159 festgelegt sind.

- Boya ve Korozyon Koruması
Redüktörlerin standart rengi DIN1843'e göre RAL 7031 dir. İstek üzerine farklı renklerde boyanabilir. Nemli ve korozif bölgeler için istek üzerine farklı boya uygulanabilir.

- Coating and Corrosion Protection
The gearboxes are painted with RAL 7031 according DIN1843. Different colors are avaliable upon request. Paintings for high humidity or chemically aggressive environments are available upon request .

- Lackierung und Korrosionsschutz
Die Getriebe werden mit der Farbe RAL 7031 nach DIN1843 lackiert. Auf Wunsch sind Sonderlackierungen möglich. Alle Getriebe können auf Wunsch auch in korrosionsgeschützter Ausführung für aggressive Umgebungen geliefert werden.

- Yağlama

V Serisi redüktörler yağlama tablolarında verilen yağlar ile doldurulmaktadır.Yağ detayları için yağlama bölümüne bakınız.

- Lubrication

V series of gearboxes are filled with oils which is indicated on lubrication tables. For lubrication details please refer to the lubrication section.

- Schmierung

V Serien Getriebe werden mit Ölen entsprechend der Schmierungstabellen, falls nicht anders vereinbart, geliefert. Für weitere Schmierungsangaben siehe Kapitel Schmierung.

- Aksesuarlar

V Serisi redüktörlerde aşağıdaki aksesuarlar kullanılabilir.
- Tambur bağlantı flanşı
- Özel keçe çözümleri
- Şeffaf yağ seviye göstergesi
- Farklı özelliklerde elektromanyetik frenler
- Termistör
- Manuel kollu fren

Diğer özel aksesuarlar için lütfen,
YILMAZ REDÜKTÖR ile temasa geçiniz.

- Accessories

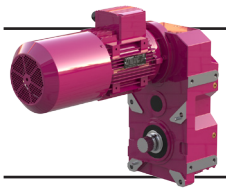
The following accessories can be applied to V series gearboxes.
- *Drum connection flange*
- *Special sealing solutions*
- *Oil level indicator*
- *Electromagnetic brakes with different specifications*
- *Thermistor*
- *Manual brake*

For other accessories please contact, YILMAZ REDÜKTÖR.

- Zubehör

Folgendes Zubehör kann mit V Serien Getriebe geliefert werden.
- Trommelflansch
- Spezielle Dichtungslösungen
- Ölstandsanzeige
- Elektromagnetische Bremsen mit unterschiedlichen Eigenschaften
- Thermistorschutz
- Bremse mit Bremshebel

Für weiteres Zubehör kontaktieren Sie bitte mit, YILMAZ REDÜKTÖR.



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- Yüzey Koruması

Redüktörlerimiz aksi belirtilmedikçe boyalı olarak sevk edilmektedir. DIN EN ISO 12944-2 korozyon standardında belirtilen sınıflardan aşağıdaki tabloda belirtilen 4 kategori için yüzey koruması sağlanmaktadır. Standart boya sınıfımız C2 korozyon kategorisini karşılamaktadır. Farklı bir koruma sınıfı istenirse sipariş aşamasında belirtilmelidir.
Mil, flanş bağlantı yüzeyi gibi boyanmayan yüzeylere paslanmaya karşı koruma sağlamak için korozyon önleyici yağ sürülmektedir.

- Surface Protection

Our products are all painted unless otherwise stated. 4 corrosion categories which are mentioned below can be offered according to corrosion categories of DIN EN ISO 12944-2 standard. Our standard paint meets C2 corrosion category. If different category is requested, please inform before order.
Unpainted parts such as shaft, flange connection surface are coated with anti-corrosion paint before shipment against corrosion.

- Oberflächenschutz

Getriebe von Yılmaz Redüktör werden lackiert und so geliefert falls nicht anders vereinbart ist. Die 4 untenstehenden Korrosionskategorien können nach Korrosionsschutz-Basisnorm DIN EN ISO 12944-2 angeboten werden. Unsere Standard-Lackierung erfüllt C2-Korrosionkategorie. Wenn Sie eine andere Kategorie erwünschen, informieren Sie uns bitte darüber vor der Bestellung.
Nicht lackierte Teile (z.B. Welle, Oberfläche des Anschlussflanschs) werden mit einem Schutzmittel vor dem Versand geschmiert, um vor Korrosion und Rost zu schützen.

Korozyon Kategorisi *Corrosion Categories* Korrosivitätskategorie	**Çevre Şartları** *Ambient Conditions* Umgebungsbedingungen	**Boya Tipi** *Paint Type* Lackierung	**Boya Kalınlıkları** *Paint Thickness* Sollschichtdicke
C2 (Standard)	**İç ortam ve muhafazalı dış ortam** **Nem ve kirlilik oranı düşük çalışma ortamı** *Indoor installation and outdoor installation with protection roof* *Environments with low humidity and contamination* Innenaufstellung und Außenaufstellung mit Überdachung oder Schutzeinrichtung Atmosphäre mit niedriger Luftfeuchtigkeit und Verunreinigung	**Çift Komponent Astar** *Two-Component Primer Coat* Zwei-Komponente Grundierung **Akrilik Sonkat** *Acrylic Top Coat* Akryl-Decklack	60 µm 40 µm
C3	**İç ortam ve atmosfere açık dış ortam** **Orta seviyede nem ve kirlilik olan çalışma ortamı** *Indoor installation and outdoor installation subject to weathering* *Environments with mean humidity and contamination* Innenaufstellung und Außenaufstellung im Freien unter Bewitterung Atmosphäre mit mäßiger Luftfeuchtigkeit und Verunreinigung	**Epoksi Astar** *Epoxy Primer Coat* Epoxy-Grundierung **Akrilik Sonkat** *Acrylic Top Coat* Akryl-Decklack	80 µm 40 µm
C4	**İç ortam ve atmosfore açık dış ortam** **Genelde yüksek nem ve kimyasal madde olan çalışma ortamı** *Indoor installation and outdoor installation subject to weathering* *Environments with occasionally high humidity and chemical contamination* Innenaufstellung und Außenaufstellung im Freien unter Bewitterung Atmosphäre gelegentlich mit hoher Luftfeuchtigkeit und chemischer Verunreinigung	**Epoksi Astar** *Epoxy Primer Coat* Epoxy-Grundierung **Akrilik Sonkat** *Acrylic Top Coat* Akryl-Decklack	180 µm 40 µm
C5-I / C5-M	**İç ortam ve atmosfere açık dış ortam** **Sürekli yüksek nem ve kimyasal madde ile temizlik yapılan çalışma ortamı** *Indoor installation and outdoor installation subject to weathering* *Environments with permanent high humidity and chemical cleaning contamination* Innenaufstellung und Außenaufstellung im Freien unter Bewitterung Atmosphäre mit ständiger hoher Luftfeuchtigkeit und chemischer Verunreinigung (Nassreinigung mit Säuren/Laugen und auch mit chemischen Reinigungsmitteln).	**Çinko Yüklemeli Epoksi Astar** *Epoxy Zinc Primer Coat* Epoxy-Zink-Grundierung **Epoksi Astar Miox** *Epoxy Miox Primer Coat* Epoxy-Miox-Grundierung **Akrilik Sonkat** *Acrylic Top Coat* Akryl-Decklack	70 µm 150 µm 40 µm

Tip Tanımlaması / *Unit Designation* / Typenbezeichnungen

V R 5 7 3 . 1K - 3 E132S / 4C - L10

Fren / *Brake* / Bremse

L-230V **Fanlı** / *With Fan* / Mit Lüfter
P-24V **Fanlı** / *With Fan* / Mit Lüfter
S-230 V **Fansız** / *Without Fan* / Ohne Lüfter
Z-24 V **Fansız** / *Without Fan* / Ohne Lüfter

00- 5 Nm
01- 10 Nm
02- 25 Nm
04- 40 Nm
05- 50 Nm
10- 100 Nm
20- 200 Nm
30- 300 Nm
40- 400 Nm
50- 500 Nm

Kutup sayısı / *Number of poles* / Anzahl der Polen

Motor Büyüklüğü / *Motor Size* / Motorbaugröße

E132S / 4

Kutup Sayısı / *Pole Number* / Anzahl der Polen
Gövde Uzunluğu / *Frame Lenght* / Gehäuselänge des Motors
Motor Büyüklüğü / *Motor Size* / Motorbaugröße
Motor Tipi / *Motor Type* / Motortyp

Motor Verim Sınıfı / *Motor Efficiency Class* / Motor-Effizienzklasse

Çoklu Kamalı Mil Çıkışlı (DIN5480)
Output Shaft with Spline (DIN5480)
Keilwelle nach (DIN5480)
1K Standart / *Standard* / Standard
1L Opsiyonel / *Optional* / Auswählbar
1M Opsiyonel / *Optional* / Auswählbar (**Sadece VR673 için** / *Only for VR673* / Nur für VR673)

Kademe Sayısı / *Stage* / Anzahl der Stufen

3 Kademe / *3 Stages* / 3-stufig

Revizyon Numarası / *Revision Number* / Änderungsnummer

Gövde Büyüklük / *Housing Size* / Größe der Gehäuse

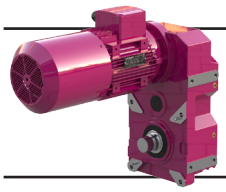
2...8

Giriş Tipi / *Input Type* / Eingangstyp

R :**Motorlu** / *With Motor* / Mit Motor

Redüktör Tipi / *Gearbox Type* / Getriebe

V Serisi / *V Serie* / V Serie



Motor Büyüklüğüne Göre Geometrik Mümkün Çevrim Oranları
Geometrically Possible Combinations of Ratios According to Motor Size
Geometrisch mögliche Kombinationen von Übersetzungen nach Motorbaugröße

Tip Type Typ	Motor Büyüklüğü / *Motor Size* / Motorbaugröße												
	63	**71**	**80**	**90**	**100**	**112**	**132**	**160**	**180**	**200**	**225**	**250**	**280**
VR273	25,44 - 137,94	25,44 - 137,94	25,44 - 137,94	25,44 - 137,94	25,44 - 120,49	25,44 - 83,46	-	-	-	-	-	-	-
VR373	-	32,11 - 121,67	32,11 - 121,67	27,53 - 121,67	23,58 - 121,67	23,58 - 106,69	23,58 - 79,34	-	-	-	-	-	-
VR473	-	95,87 - 242,68	95,87 - 242,68	47-37 - 54,35 70,59 - 81,00 95,87 - 242,68	34,28 - 174,97	28,45 - 154,63	28,45 - 121,49	28,45 - 93,59 101,48	-	-	-	-	-
VR573	-	-	51,97 107,18 - 163,77	37,64 - 51,97 77,63 - 163,77	28,30 - 163,77	28,30 - 163,77	28,30 - 163,77	28,30 - 143,35	28,30 - 42,62 58,36 - 87,90	-	-	-	-
VR673	-	-	-	-	119,86 - 213,15	119,86 - 213,15	58,54 - 213,15	58,54 - 213,15	58,54 - 134,51	58,54 - 102,10	-	-	-
VR773	-	-	-	-	148,95 - 233,77	148,95 - 233,77	76,29 - 233,77	49,45 - 233,77	49,45 - 166,50	49,45 - 128,81	49,45 - 85,99	-	-
VR873	-	-	-	-	-	-	81,40 - 170,32	53,03 - 170,32	53,03 - 170,32	46,82 - 134,22	46,82 - 91,16	46,82 - 91,16	46,82 - 69,01

Vinç Tamburu Bağlantı Flanşı

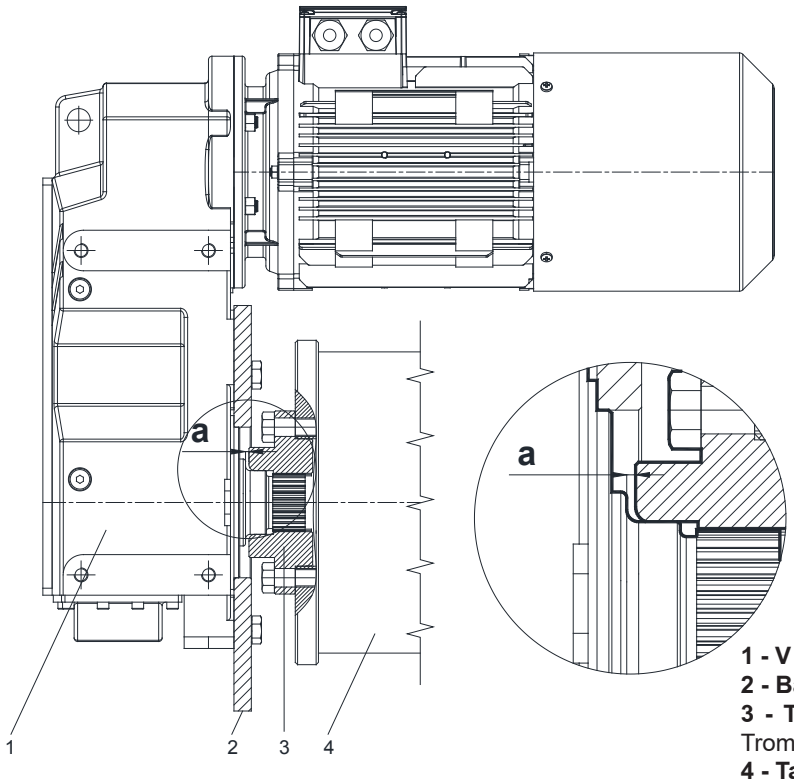
V serisi redüktörlerin çıkış milleri standart olarak DIN 5480 standardına göre çoklu kamalı olarak üretilmektedir. Aşağıdaki örnek montaj resminde görüldüğü gibi redüktör mili ile tambur arasındaki bağlantı tambur bağlantı flanşı ile sağlanabilir. Yılmaz Redüktör her redüktör büyüklüğü için çıkış mil çoklu kama standardına uyumlu tambur bağlantı flanşını opsiyonel olarak sunmaktadır. Ölçü sayfalarında tambur bağlantı flanşı ölçülerini bulabilirsiniz.

Drum Connection Flange

V series gearboxes output shafts are with spline according to DIN 5480 standard. As you can see on the below drawing the connection between gearbox output shaft and drum can be established by drum connection flange. You can order this optional connection flange suitable to our output shaft with spline according to DIN 5480. You can find the dimensions of these flanges at dimension pages.

Trommelflansch

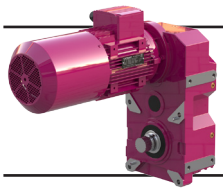
V Serie Getriebemotoren haben am Ausgang Keilwelle nach DIN 5480. Verbindung von Getriebeausgangswelle mit Trommel durch Trommelflansch wurde auf dem unteren Abbildung dargestellt. Diese auswählbare Verbindungsflansch geeignet zur Keilwelle nach DIN 5480 kann von uns bestellt werden. Die Abmessungen von diesem Flansch kann von der Abmessungsseiten abgelesen werden.



a: **Tambur bağlantı flanşı ve mil alnı arasındaki mesafe.** / *The distance that should be between the drum connection flange and the shoulder of the output shaft.* / Der Abstand, der zwischen der Trommelflansch und der Wellenschulter sein sollte.

Gövde Büyüklüğü	Boşluk (a)
V273-V573	1-3 mm
V673-V873	2-4 mm

1 - V Serisi Redüktör / *V Series Gearbox* / V Serie Getriebe
2 - Bağlantı Sacı / *Connection Plate* / Verbindungsplatte
3 - Tambur Bağlantı Flanşı / *Drum Connection Flange* / Trommelflansch
4 - Tambur / *Drum* / Trommel



Genel Bilgiler
General Information
Einführung

Vinçler için redüktör seçimi; endüstriyel redüktörlerde kullanılan servis faktörü veya ISO 4301-1 ve FEM 9.511/86 standartlarında anlatılan vinç sınıflandırmaları kullanılarak yapılabilir. Vinç sektörüne özel olarak geliştirilen V serisi redüktörlerimizin seçimlerinin ISO (FEM) vinç sınıflarının kullanılarak yapılması tavsiye edilir (sayfa 15).

Servis Faktörü

Servis faktörü (f_s) redüktörün çalıştığı şartlar ile uyumlu olması için gerekli olan katsayısıdır. ''fs =1'' Düzgün ve sakin yüklerde, günlük sekiz saat ve saatte yüz start çalışmayı karşılar.

Aşağıdaki etkenlere bağlıdır:

- Günlük çalışma süresi
- Yük sınıfı
- Bir saatteki start sayısı
- Redüktör tahrik tipi
- Diğer gözlemler

Bu etkenleri göz önüne aldığımızda, gerekli servis faktörünü belirlemek için:
1. Makinanın günlük çalışma süresi tespit edilir.
2. Makinanın ne türde yükler verdiği tespit edilir.

U - Düzgün ve sabit yükler
M - Orta darbeli yükler
H - Ağır darbeli yükler

3. Saatteki start sayısı tespit edilir.
4.İlk üç maddeye bağlı servis faktörünü sayfanın altında yer alan servis faktörü diyagramından seçiniz.

Gearboxes for crane industry can be selected either using industrial service factor or ISO 4301-1 (FEM 9.511/86) standards crane classification system. Using ISO (FEM) classifications explained on page 15 is recommended for choosing V series gearboxes, which are specifically designed for crane industry.

Service Factor

Service Factor (fs) is a coefficient, which takes into account the different running conditions of the driven machine.'' fs=1'' is used for uniform loads 8 hours working per day and up to 100 starts per hour.

Service factor depends on:

- *Running time*
- *Nature of load*
- *Frequency of starting*
- *Driver type*
- *Other considerations*

For the right selection of the needed service factor for your machine;
1. Determine the running time of driven machine.
2. Select the nature of load of driven machine

***U** - Uniform loads*
***M** - Moderate loads*
***H** - Heavy shock loads*

3. Determine frequency of starting
4. After determining the above mentioned factors, the service factor can be easily selected from the service factor diagram given below on this page.

Betriebsfaktor

Der Betriebsfaktor (fs) ist ein faktor für die Getriebe, damit sie unter den Betriebsbedingungen sicher arbeiten. ''fs =1'' steht für gleichförmige Belastung, 8 Studen pro Tag und bis zu 100 Schaltungen pro Stunde.

Betriebsfaktor ist abhängig von:

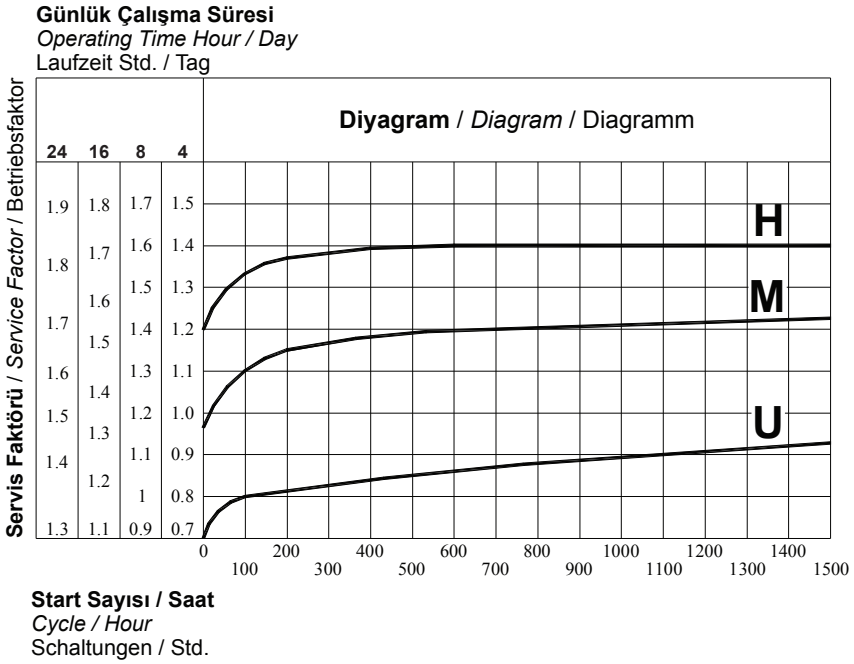
- Betriebsdauer
- Belastungsart
- Schalthäufigkeit
- Antriebsart
- Andere Faktoren

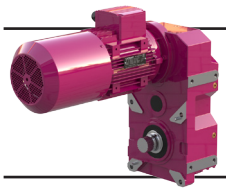
Um die richtigen Betriebsfaktor festzulegen;
1. Betriebsdauer der angetriebenen Maschine bestimmen.
2. Belastungsart der angetriebenen Maschine auswählen.

U - Gleichförmige Belastung
M - Ungleichförmige Belastung
H - Stark Ungleichförmige Belastung

3. Schalhäufigkeit bestimmen.
4. Nach der Bestimmung der oben angegebenen Werte können die Betriebsfaktoren aus dem Betriebsfaktor-Diagramm am unteren Rand dieser Seite ausgewählt werden.

Servis Faktörü Diyagramı / *Service Factor Diagram* / Betriebsfaktor-Diagramm





Vinç Uygulamalarında Sınıflandırma ISO 4301-1 (FEM 9.511/86)

Bir vincin kullanım sınıfı belirlenirken ilk önce; yüklü olarak günlük ortalama aktif çalışma süresi belirlenmelidir. Vincin kanca yüksekliği, saatteki çalışma sayısı, işletmenin günlük çalışma saati (mesai) ve kaldırma hızı biliniyorsa aşağıdaki formül yardımıyla günlük ortalama aktif çalışma süresi saat cinsinden hesaplanabilir.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H : Kanca yüksekliği [m]

n : Saatteki çalışma sayısı

T : Günlük çalışma saati

V_h: Kaldırma hızı [m/dk]

Hesaplanan günlük ortalama aktif çalışma süresi, yılda kaç gün kullanılacağı ve beklenilen ömrü yıl olarak belirlendikten sonra, bir vincin sadece hareket halindeyken kullanım halinde olduğu düşünülerek, bu üç değerin çarpılmasıyla toplam beklenilen kullanım zamanı saat cinsinden belirlenir. Toplam kullanım zamanına göre 10 sınıf vardır. Vincin kullanım sınıfı aşağıdaki tablodan okunur.

Crane Classifications ISO 4301-1 (FEM 9.511/86)

While determining class of utilization of a crane, we have to calculate average daily utilization time in hours. We can calculate average daily utilization time with the help of below written formula if we know crane's hook path, number of cycles per hour, working time per day and lifting speed.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H : *Hook path [m]*

n : *Number of cycles per hour*

T : *Working hours per day*

V_h: *Lifting speed [m/min]*

After we calculate average daily utilization time, we can determine maximum total duration of use in hours by multiplying average daily utilization time, the number of working days per year and the number of years of expected service. There are 10 utilization classes according to total duration of use, which we can read from below table.

Kranklassen ISO 4301-1 (FEM 9.511/86)

Bei der Bestimmung der Laufzeitklasse von Kran soll durchschnittliche Laufzeit pro Tag in Stunden festgestellt werden. Man kann die durchschnittliche Laufzeit pro Tag mit Hilfe von unten angegebener Gleichung berechnen. Dabei braucht man Hakenweg, Anzahl von Startzyklen pro Stunde, Betriebsstunde pro Tag und Hubgeschwindigkeit zu wissen.

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

H : Hakenweg [m]

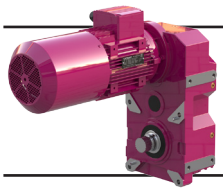
n : Anzahl von Startzyklen pro Stunde

T : Betriebsstunde pro Tag

V_h: Hubgeschwindigkeit [m/min]

Nachdem man durchschnittliche Laufzeit pro Tag berechnet hat, kann maximale Gesamtlaufzeit in Stunde festgestellt werden, indem man durchschnittliche Laufzeit, Anzahl von Betriebstagen pro Jahr und Jahren von erwartetem Lebensdauer multipliziert. Es gibt 10 Laufzeitklassen entsprechend zu Gesamtlaufzeit, die von der unteren Tabelle abgelesen werden kann.

Kullanım Sınıfı *Class of Utilization* Laufzeitklasse	**Toplam Kullanım Zamanı [saat]** *Total Duration of Use [hour]* Gesamtlaufzeit [Stunde]
T_0	200
T_1	400
T_2	800
T_3	1600
T_4	3200
T_5	6300
T_6	12500
T_7	25000
T_8	50000
T_9	100000



Genel Bilgiler
General Information
Einführung

İkinci olarak vincin yük sınıfının ne olduğunun belirlenmesi gerekir. Aşağıdaki eşdeğer yük formülü yardımıyla K_m yük faktörü belirlenir.

$$K_m = \sum_{i=1....n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i : Her bir yükteki çalışma süresi

t_t : Toplam kullanım süresi

P_i : Her bir yükün miktarı

$P_{\max}$: Maksimum yükün miktarı

n : Toplam yük değişim sayısı

$$K_m = \frac{t_1}{t_T}\left(\frac{P_1}{P_{\max}}\right)^3 + \frac{t_2}{t_T}\left(\frac{P_2}{P_{\max}}\right)^3 + .. + \frac{t_n}{t_T}\left(\frac{P_n}{P_{\max}}\right)^3$$

Hesaplanan K_m değeri ile aşağıdaki tabloda verilmiş olan K_m değerleri karşılaştırılarak vincin yükleme türüne karar verilir.

Secondly we have to determine the state of loading of the crane. We can calculate load spectrum factor K_m with below written formula.

$$K_m = \sum_{i=1....n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i : *Average duration of use at the individual load levels.*

t_t : *Total of all the individual durations at all load levels*

P_i : *Individual loading magnitudes*

$P_{\max}$: *Greatest loading magnitude*

n : *Total number of individual load levels*

$$K_m = \frac{t_1}{t_T}\left(\frac{P_1}{P_{\max}}\right)^3 + \frac{t_2}{t_T}\left(\frac{P_2}{P_{\max}}\right)^3 + .. + \frac{t_n}{t_T}\left(\frac{P_n}{P_{\max}}\right)^3$$

The nominal load spectrum factor for the crane is then established by matching the calculated load spectrum factor to the closest (higher) nominal value of K_m given at below table

Zweitens soll Lastkollekiv von Kran bestimmt werden. Wir können Lastkollektiffaktor K_m mit unterer Gleichung berechnen.

$$K_m = \sum_{i=1....n} \left[\frac{t_i}{t_T} \left(\frac{P_i}{P_{\max}} \right)^3 \right]$$

t_i : Durchschnittliche Laufzeit bei verschiedene Belastungsstufen

t_t : Alle Laufzeiten zusammen bei allen Belastungsstufen

P_i : Amplituden von jeweiliger Belastung

$P_{\max}$: Größte Amplitude der Belastung

n : Anzahl von verschiedene Belastungsstufen

$$K_m = \frac{t_1}{t_T}\left(\frac{P_1}{P_{\max}}\right)^3 + \frac{t_2}{t_T}\left(\frac{P_2}{P_{\max}}\right)^3 + .. + \frac{t_n}{t_T}\left(\frac{P_n}{P_{\max}}\right)^3$$

Der Lastkollektivfaktor K_m wird mittels Vergleich zwischen berechneter und angegebene Werte nach unterer Tabelle beschlossen.

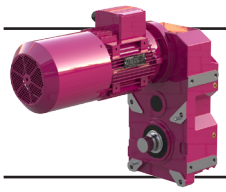
Yükleme Türü *State of Loading* Belastungsstufen	K_m	
L1 - HAFİF *L1 - LIGHT* L1 - LEICHT	**0,125**	**Genellikle hafif ağırlıkları, sadece özel durumlarda (nadiren) maksimum yükleri kaldıran vinçler.** *Cranes subjected very rarely to the maximum load and, normally, to light loads.* Kräne,die ausnahmsweise der Höchstbeanspruchung und laufend weit geringeren Beanspruchungen unterzogen werden.
L2 - ORTA *L2 - MODERATE* L2 - MITTEL	**0,25**	**Genellikle orta derecedeki yükleri, ancak oldukça sık da maksimum yükleri kaldıran vinçler.** *Cranes subjected fairly frequently to the maximum load but, normally, to rather moderate loads.* Kräne,die ungefähr während gleicher Zeitfristen schwachen, mittleren und Höchsten Beanspruchungen unterzogen werden.
L3 - AĞIR *L3 - HEAVY* *L3 - SCHWER*	**0,50**	**Genellikle ağır yükleri, ancak sık sık da maksimum yükleri kaldıran vinçler.** *Cranes subjected frequently to the maximum load and, normally, to loads of heavy magnitude.* Kräne,die hauptsächlich Beanspruchungen in der Nähe der Höchstbeanspruchung unterzogen werden.
L4 - ÇOK AĞIR *L4 - VERY HEAVY* L4 - SEHR SCHWER	**1,00**	**Genellikle maksimum yükleri kaldıran vinçler.** *Cranes subjected regularly to the maximum load.* Kräne,die regelmäßig mit Höchstbeanspruchung unterzogen werden.

Vincin kullanım sınıfı ve yükleme türü belirlendikten sonra yan sayfadaki tablodan vincin ISO (FEM) sınıfı belirlenir. Kullanılacak redüktörün sınıfının, burada belirlediğimiz vinç sınıfının üzerinde veya aynı sınıfta olması gerekir. Kataloğumuzun güç ve devir sayfalarından, belirli tonaj ve donam sayısında, V serisi redüktörlerimizin hangi ISO (FEM) sınıflarını sağladıkları görülebilir. **Burada verilen vinç sınıfları redüktör dışındaki vinç ekipmanlarını kapsamaz.**

Having determined the class of utilization and the state of loading, the ISO (FEM) classification of a crane can be determined from the table at next page. Suitable gearboxes class has to be same or higher then the class of the crane. You can see the ISO (FEM) classes at specific tones and falls of our V series gearboxes at performance tables. ***Crane classes which are given on the performance tables do not cover other crane equipments except gearboxes.***

Nach der Bestimmung der Laufzeitklasse und Lastkollektiv kann der ISO (FEM) -Gruppierung eines Krans aus der Tabelle auf der nächsten Seite bestimmt werden. Geeignetes Getriebe muss gleiche oder höhere Kranklasse haben. Sie können die ISO (FEM) -Klassen bei bestimmter Belastung und Einscherung des V-Serie Getriebes auf die Leistungstabellen finden. **Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.**

Yük Sınıfı *State of Loading* Belastungsstufen	K_m	**Vinç Sınıfları (ISO 4301-1 (FEM 9.511/86))** *Crane Classes (ISO 4301-1 (FEM 9.511/86))* Kranklassen (ISO 4301-1 (FEM 9.511/86))									
		T_0	T_1	T_2	T_3	T_4	T_5	T_6	T_7	T_8	T_9
L1 - HAFİF *L1 - LIGHT* L1 - LEICHT	**0,125**			M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)
L2 - ORTA *L2 - MODERATE* L2 - MITTEL	**0,25**		M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)	
L3 - AĞIR *L3 - HEAVY* L3 - SCHWER	**0,50**	M1 (1Dm)	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)		
L4 - ÇOK AĞIR *L4 - VERY HEAVY* L4 - SEHR SCHWER	**1,00**	M2 (1Cm)	M3 (1Bm)	M4 (1Am)	M5 (2m)	M6 (3m)	M7 (4m)	M8 (5m)			



Radyal Yük Hesabı

Bir vinç sisteminde halatın redüktörün çıkış miline en yakın olduğu, en kötü şart için redüktörün çıkış milinde oluşan radyal yük aşağıdaki formülle yaklaşık olarak hesaplanabilir. Güç devir sayfalarında verilen tonajlar ve donam sayıları için radyal yük kontrolleri yapılmıştır ve ayrıca kontrole gerek yoktur. Güç devir sayfalarında verilmeyen tonaj ve donam sayıları için aşağıdaki formül kullanılarak radyal yük kontrolü yapılabilir.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q : Oluşan radyal yük [N]

L : Yük [ton]

k : Donam sayısı

Overhung Load Calculation

Overhung loads for crane systems can be calculated approximately with below written formula, for the condition that the crane rope is closest to the output shaft of gearbox. Gearboxes were checked by calculation and it is not necessary to check again. If you want to calculate overhung load for a specific tones and falls, which are not on performance tables you can use below written formula.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q : *Overhung load [N]*

L : *Load [tones]*

k : *Falls*

Berechnung der Querkräfte

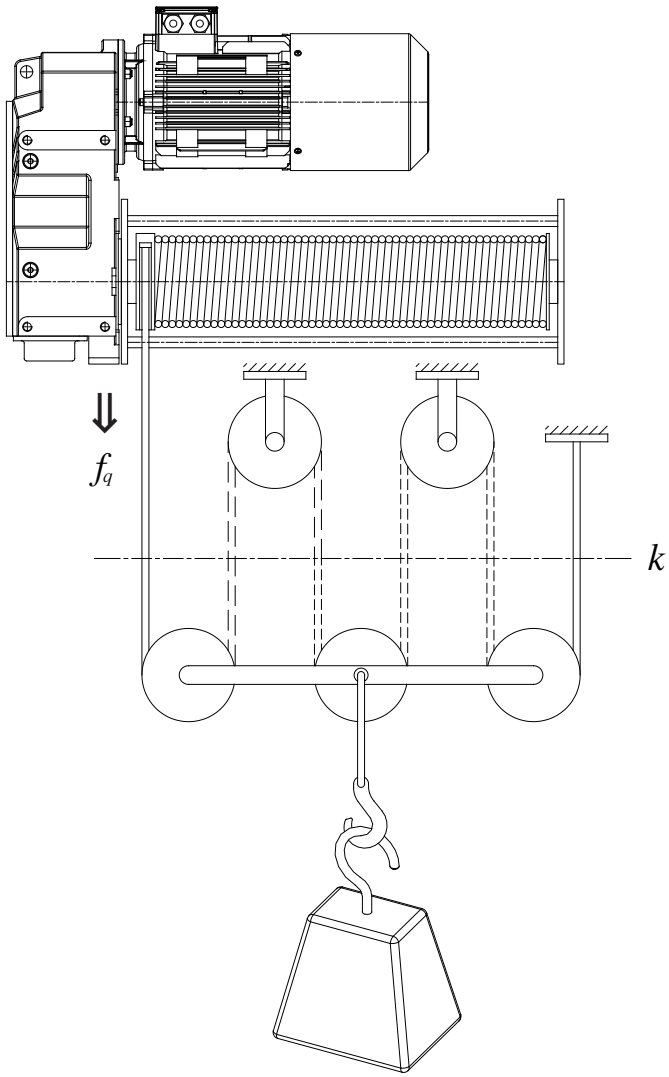
Querkräfte für Krananlagen kann annäherungsweise mit unter geschrieben Formel für die schlechteste Bedingung, dass das Kranseil zu der Ausgangswelle des Getriebes am nächsten ist, berechnet werden. Getriebe wurden durch Berechnung überprüft, und es ist nicht notwendig, noch einmal überzuprüfen. Wenn Sie Querkraft für eine bestimmte Last und Einscherung, die nicht auf die Leistungtabellen stehen, berechnen wollen, dann soll unten geschriebene Gleichung verwendet werden.

$$f_q = \frac{L \times 9,81 \times 1000}{k}$$

f_q : Querkraft [N]

L : Belastung [Tonnen]

k : Einscherung



Redüktör Dönüş Yönleri

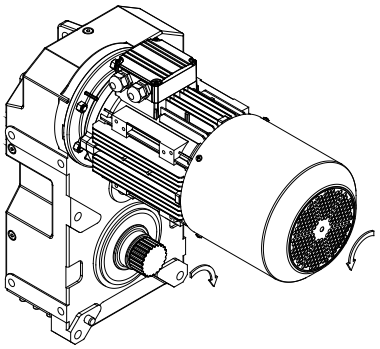
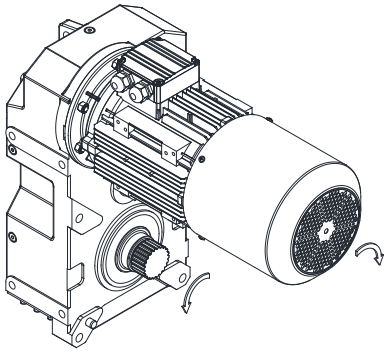
V Serisi ürünlerimiz için kullanılan yön tanımlaması aşağıdaki gibidir.

Direction of Rotation

V Series direction of rotation of are defined as follows.

Getriebedrehrichtungen

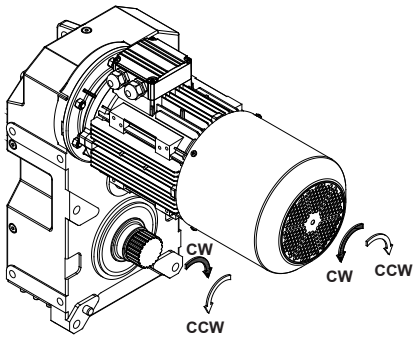
Die Drehrichtungen für V Serie Getriebe sind wie folgt definiert.

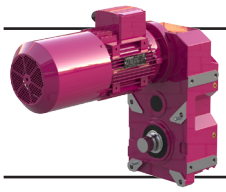
	3 Kademe / *3 Stages* / 3 Stufig
Saat Yönünde *Clockwise* im Uhrzeigersinn **CW**	
Saat Tersi Yönünde Counter Clockwise gegen Uhrzeigersinn **CCW**	

Giriş mili dönüş yönüne göre çıkış mili dönüş yönleri aşağıdaki gibidir.

Output shaft rotation directions according to the input shaft rotation directions are as follows.

Drehrichtungen der Abtriebswelle im Abhängigkeit von der Antriebswellen sind wie folgt;

3 kademe / *3 Stages* / 3 Stufig




Redüktör Seçim Örneği

Aşağıda özellikleri belirtilen vincin sınıfını belirleyip, güç devir sayfalarından uygun olan redüktörü seçelim.

Tonaj: **10 ton**

Kaldırma hızı: **4 m/dk**

Donam sayısı: **4/1**

Tambur çapı: **270 mm**

Yükleme durumu: **L3 (Ağır)** (Genellikle ağır yükleri, ancak sık sık da maksimum yükleri kaldıran vinç)

Kanca yüksekliği: **6 metre**

Saatteki çalışma sayısı: **8**

Günlük çalışma saati: **8 saat**

Yıllık iş günü: **260 gün**

Beklenilen ömür: **6 yıl**

1) Aşağıdaki formül kullanılarak "*t*" günlük ortalama aktif çalışma süresi hesaplanır.

H : Kanca yüksekliği [m]

n : Saatteki çalışma sayısı

T : Günlük çalışma saati

V_h: Kaldırma hızı [m/dk]

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

$$t = 3.2 \text{ saat}$$

2) Günlük ortalama aktif çalışma süresi, yıllık iş günü ve beklenilen ömür çarpılarak toplam kullanım zamanı hesaplanır.

$$3.2 \times 260 \times 6 = 4992 \text{ saat}$$

3) Sayfa 14'deki kullanım sınıfı tablosundan vincin kullanım sınıfı $\mathbf{T_5}$ (4992 > 3200) olarak bulunur.

4) Vincin yük sınıfı **L3 (Ağır)** olarak belirtilmiş, kullanım sınıfı da $\mathbf{T_5}$ olarak belirlenmişti. Sayfa 15'teki vinç sınıfları tablosundan vincin sınıfı **M6 (3m)** olarak bulunur.

5) Vincin tonajı **10 ton**, donam sayısı **4/1**, tambur çapıda **270 mm** olarak verilmiş. Kaldırma hızı olarakta **4 m/dak** isteniyor. Kataloğumuzun güç ve devir sayfalarından **10 ton** tonaj, **4/1** donam sayısı sayfası bulunur (sayfa 164). **270 mm** tambur çapında **4.0 m/dak** kaldırma hızında **M6 (3m)** sınıfını sağlayan **VR573.1K-3EC132M/4E** seçilir.

Gearbox Selection Example

We are going to determine the class of the crane and choose the suitable gearbox from performance tables, which's technical properties are written below.

Load: ***10 tonnes***

Lifting speed: ***4 m/m***

Falls: ***4/1***

Drum diameter: ***270 mm***

State of loading: ***L3 (Heavy)*** *(Crane subjected frequently to the maximum load and, normally, to loads of heavy magnitude)*

Hook path: ***6 meters***

Number of cycles per hour: ***8***

Working time per day: ***8 hours***

Number of working days per year: ***260 days***

Number of years of expected service: ***6 years***

1) We calculate "t" average daily utilization time with the help of below written formula.

H : *Hook path [m]*

n : *Number of cycles per hour*

T : *Working hours per day*

V_h: *Lifting speed [m/min]*

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

$$t = 3.2 \text{ hours}$$

2) We calculate total duration of use by multiplying average daily utilization time, the number of working days per year and the number of years of expected service.

$$3.2 \times 260 \times 6 = 4992 \text{ hours}$$

3) We can read utilization class of the crane as $\boldsymbol{T_5}$ *(4992 > 3200) from utilization class table at page 14.*

4) Crane's load class is ***L3 (Heavy)*** *and we found the utilization class as* $\boldsymbol{T_5}$*. We can read the class of the crane as* ***M6 (3m)*** *from crane classes table at page 15.*

5) Crane's load is ***10 tonnes****,* ***4/1*** *falls and drum diameter is* ***270 mm****. The required lifting speed is* ***4 m/min****. We find* ***10 tonnes*** *load and* ***4/1*** *falls page from our catalogues performance tables (page 164). We choose* ***VR573.1K-3EC132M/4E*** *which's class is* ***M6 (3m)*** *with* ***270 mm*** *drum diameter and* ***4.0 m/min*** *lifting speed.*

Getriebeauswahl Beispiel

Nach den unteren Angaben wird erstens Kranklasse des Getriebes bestimmt und dann aus der Leistungstabellen wird geeignetes Getriebe ausgewählt.

Belastung: **10 Tonnen**

Hubgeschwindigkeit: **4 m/min**

Einscherung: **4/1**

Trommeldurchmesser: **270 mm**

Beladungszustand: **L3 (Schwer)** (*Kräne,die hauptsächlich Beanspruchungen in der Nähe der Höchstbeanspruchung unterzogen werden)*

Hakenweg: **6 Meter**

Anzahl von Starten pro Stunde: **8**

Betriebsstunden pro Tag: **8 Stunden**

Anzahl von Betriebstagen pro Jahr: **260 Tagen**

Jahren von erwartetem Lebensdauer: **6 Jahren**

1) Man berechnet "*t*" durchschnittliche Laufzeit pro Tag mit Hilfe von folgender Gleichung.

H : Hakenweg [m]

n : Anzahl von Startzyklen pro Stunde

T : Betriebsstunde pro Tag

V_h: Hubgeschwindigkeit [m/min]

$$t = \frac{2 \times H \times n \times T}{60 \times V_h}$$

$$t = \frac{2 \times 6 \times 8 \times 8}{60 \times 4}$$

$$t = 3.2 \text{ Stunden}$$

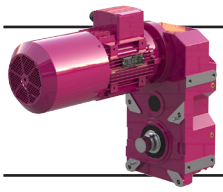
2) Mit der Multiplikation von durchschnittliche Laufzeit pro Tag, Anzahl von Betriebstagen pro Jahr und Jahren von erwartetem Lebensdauer erhält man Gesamtlaufzeit.

$$3.2 \times 260 \times 6 = 4992 \text{ Stunden}$$

3) Laufzeitklasse von Kran wird von der Tabelle der Laufzeitklasse auf der Seite 14 als $\mathbf{T_5}$ (4992>3200) abgelesen.

4) Belastungsstufe von Kran ist **L3 (Schwer)** und die Laufzeitklasse wurde als $\mathbf{T_5}$ festgestellt. Kranklasse wird von der Tabelle auf der Seite 15 als **M6 (3m)** abgelesen.

5) Die Belastung von Kran ist **10 Tonnen**, Einscherung ist **4/1** und Trommeldurchmesser ist **270 mm**. Erforderliche Hubgeschwindigkeit beträgt **4 m/min**. Wir gehen zur Seite der Leistungstabelle mit **10 Tonnen** Last und **4/1** Einscherung (Seite 164). Wir wählen ***VR573.1K-3EC132M/4E*** mit Kranklasse **M6 (3m)**, Trommeldurchmesser **270 mm** und Hubgeschwindigkeit **4.0 m/min**.



6) **VR573.1K-3EC132M/4E**

i (Çevrim Oranı) = **77,63**
Motor gücü / devri = **9,2 kW - 1460 d/dk**
Çıkış momenti = **5221 Nm**
Çıkış devri = **19 d/dk**
Taşıdığı güvenilir radyal yük = **83614 N**

7) Kataloğumuzun güç ve devir sayfalarında standart olarak verilen tonajlarda ve donam sayılarında, redüktörlerin çıkış millerinde oluşan radyal yükler hesaplanarak kontrolleri yapılmıştır. Belirtilen vinç sınıfları için redüktörlerin taşıdığı güvenilir radyal yükler oluşan radyal yüklerden daha büyüktür. Güç ve devir sayfalarında geçen standart tonaj ve donam sayılarında belirtilen vinç sınıfları için tekrar radyal yük kontrolü yapılmasına gerek yoktur.

6) ***VR573.1K-3EC132M/4E***

i (Ratio) = ***77,63***
Motor power / speed = ***9,2 kW - 1460 rpm***
Output torque = ***5221 Nm***
Speed = ***19 rpm***
Permissible overhung load = ***83614 N***

7) We have checked the occurring overhung loads at the output shafts of our gearboxes for our standard tonnages and falls at our performance tables. For the stated crane classes permissible overhung loads are bigger then the occurring overhung loads. For our standard tonnages and falls checking the occurring overhung loads again is not necessary.

6)***VR573.1K-3EC132M/4E***

i (Übersetzung) = **77,63**
Motor -leistung / -drehzahl = **9,2 kW - 1460 U/min**
Abtriebsdrehmoment = **5221 Nm**
Abtriebsdrehzahl = **19 U/min**
Zulässige Querkraft = **83614 N**

7) Entstandene Querkräfte an der Abtriebswelle des Getriebes werden entsprechend zu Belastung und Einscherung überprüft . Für die genannte Kranklassen soll zulässige Querkräfte größer als entstandene Querkräfte sein. Eine nochmalige Überprüfung von Querkräfte ist nicht erforderlich.

Redüktör Seçim Formu

Vinç Sınıfı* .....**ISO (FEM)**

M4 (1Am) [ ] **M5** (2m) [ ] **M6** (3m) [ ] **M7** (4m) [ ] **M8** (5m) [ ]

Tonaj:*

..... ton

Donam Sayısı:*

1/1 [ ] 2/1 [ ] 4/1 [ ] 6/1 [ ] 8/1 [ ]

Tambur Çapı:*

..... mm

Kaldırma Hızı:*

..... m/dak

Tahrik Şekli:*

AC Motor [ ]
AC Motor + Invertör [ ]
DC Motor [ ]

Montaj Pozisyonu:*

M1 [ ] M3 [ ] M5 [ ] M6 [ ]

Diğer.....

Motor Gücü:

-Nominal.....kW

Elektrik Gerilimi:

AC-Monofaze [ ] AC-Trifaze [ ] DC [ ]

Voltaj.....Volt
Frekans.....Hz

Motor Devri:

-Normal.....d/dak
-En çok.....d/dak
-En az.....d/dak

Motor Torku:

-Normal.....Nm
-En çok.....Nm
-En az.....Nm

Termistör:

Var [ ] Yok [ ]

Fren Torku:

..... Nm

Fren Soğutması:

Pervaneli [ ] Pervanesiz [ ]

Fren Voltajı:

230V [ ] 24V [ ]

Fren için Manuel Kol:

Var [ ] Yok [ ]

Çevre Şartları:

Normal [ ] Tozlu [ ] Nemli [ ] Korozif [ ] Kuru [ ]

Deniz seviyesinden yükseklik:

<1000 [ ] <2000 [ ] <3000 [ ]
<4000 [ ] <5000 [ ]

Çıkış Tambur Bağlantı Flanşı:

Var [ ] Yok [ ]

Çıkış mili bağlantı şekli:

Bağlantı elemanı çapı.....mm
Radyal yükü.....N

Çıkış Mili Özelliği:

Standart (DIN 5480) 1K [ ]
Opsiyonel (DIN 5480) 1L [ ]
Opsiyonel (DIN 5480) 1M [ ] (Sadece VR673)

Motor Koruma Sınıfı:

IP55 [ ] IP65 [ ] Exproof [ ]

Diğer IP.....

Montaj yeri:

Küçük kapalı oda (w<1m/sn) [ ]
Kapalı oda (w<3m/sn) [ ]
Büyük oda ve holler (w>=3m/sn) [ ]
Tamamen açık ortam [ ]

Çevre Sıcaklığı:

Ortalama..... ^{0}C
En Yüksek..... ^{0}C
En Düşük..... ^{0}C

Vinç Sınıfı Bilinmiyorsa :

Vinç Günlük Çalışma Saati:

..... saat

Vinç Saatteki Çalışma Sayısı:

.....

Vinç Kanca Yüksekliği:

.....metre

Vinç Yükleme Sınıfı:

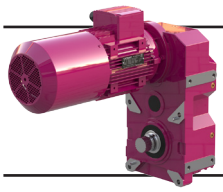
Hafif [ ] Orta [ ] Ağır [ ] Çok Ağır [ ]

Ekler:

Yük diyagramı [ ]
Proje [ ]
İstenen ana boyutlar [ ]
Teknik veriler [ ]

Diğer Notlar:

*: Redüktör seçimi için gerekli, doldurulması zorunlu alanlar.



Gearbox Selection Form

Crane Class* .....**ISO (FEM)**

M4 (1Am) [ ] **M5** (2m) [ ] **M6** (3m) [ ] **M7** (4m) [ ] **M8** (5m) [ ]

Load*:

..... tones

Falls*:

1/1 [ ] 2/1 [ ] 4/1 [ ] 6/1 [ ] 8/1 [ ]

Drum Diameter*:

..... mm

Lifting Speed*:

..... m/m

Driving Machine*:

AC Motor [ ]
AC Motor + Inverter [ ]
DC Motor [ ]

Mounting Position*:

M1 [ ] M3 [ ] M5 [ ] M6 [ ]

Other.....

Motor Power:

-Nominal.....kW

Electrical Supply:

AC-1 Phase [ ] AC-3 Phase [ ] DC [ ]

Voltage.....Volt
Frequency.....Hz

Motor Speed:

-Normal.....rpm
-Maximum.....rpm
-Minimum.....rpm

Motor Torque:

-Normal.....Nm
-Maximum..... Nm
-Minimum.....Nm

Thermistor:

Yes [ ] No [ ]

Brake Torque:

..... Nm

Brake Cooling:

With Fan [ ] Without Fan [ ]

Brake Voltage:

230V [ ] 24V [ ]

Manual Hand Release:

Yes [ ] No [ ]

Ambient Conditions:

Normal [ ] Dusty [ ] Humid [ ] Corrosive [ ] Dry [ ]

Altitude:

<1000 [ ] <2000 [ ] <3000 [ ]
<4000 [ ] <5000 [ ]

Drum Output Connection Flange:

Yes [ ] No [ ]

Output Shaft Connection Type:

Diameter of connection element.....mm
Radial load.....N

Output Shaft Specification:

Standard (DIN 5480) 1K [ ]
Optional (DIN 5480) 1L [ ]
Optional (DIN 5480) 1M [ ] (Just VR673)

Motor Protection Class:

IP55 [ ] IP65 [ ] Exproof [ ]

Other IP.....

Mounting Place:

Small closed room (w<1m/s) [ ]
Closed room (w<3m/s) [ ]
Big rooms and halls (w>=3m/s) [ ]
Outdoor [ ]

Ambient Temperature:

Average..... ^{0}C
Maximum..... ^{0}C
Minimum..... ^{0}C

If the Class of the Crane doesn't Known ;

Operating Hours per Day:

..... hour

Operating Cycles per Hour

.....

Hook Path:

.....meter

State of Loading:

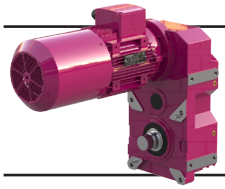
Light [ ] Moderate [ ] Heavy [ ] Very Heavy [ ]

Attachments:

Load Diagram [ ]
Project [ ]
Required Dimensions [ ]
Technical Specifications [ ]

Notes:

*: Mandatory fields for selection of gearbox.



Formular für Getriebeauswahl

Kranklasse* .....**ISO (FEM)**

M4 (1Am) [ ] **M5** (2m) [ ] **M6** (3m) [ ] **M7** (4m) [ ] **M8** (5m) [ ]

Last*:

..... Tonnen

Einscherung*:

1/1 [ ] 2/1 [ ] 4/1 [ ] 6/1 [ ] 8/1 [ ]

Trommeldurchmesser*:

..... mm

Hubgeschwindigkeit*:

..... m/m

Antriebsmaschine*:

AC Motor [ ]
AC Motor mit Frequenzumrichter [ ]
DC Motor [ ]

Montagepositionen*:

M1 [ ] M3 [ ] M5 [ ] M6 [ ]

Andere.....

Motorleistung:

-Nennleistung.....kW

Motorspannung:

AC-Einphasig [ ] AC-Dreiphasig [ ] DC [ ]

Spannung.....V
Frequenz.....Hz

Motordrehzahl:

-Nenndrehzahl.....U/min
-Maximal.....U/min
-Minimal.....U/min

Motordrehmoment:

-Nenndrehzahl.....Nm
-Maximal.....Nm
-Minimal.....Nm

Thermistorschutz:

Ja [ ] Nein [ ]

Drehmoment der Bremse:

..... Nm

Kühlung von Bremse:

Mit Lüfter [ ] ohne Lüfter [ ]

Bremsenspannung:

230V [ ] 24V [ ]

Handhebel für Bremse:

Ja [ ] Nein [ ]

Umgebungsbedingungen:

Üblich [ ] Staubig [ ] Feucht [ ] Korrodierend [ ] Trocken [ ]

Höhenlage über Meeresspiegel (m):

<1000 [ ] <2000 [ ] <3000 [ ]
<4000 [ ] <5000 [ ]

Trommelflansch:

Ja [ ] Nein [ ]

Verbindung von Ausgangswelle:

Durchmesser von Anschlusselement.....mm
Querkraft.....N

Ausgangswelle:

Standard (DIN 5480) 1K [ ]
Auswählbar (DIN 5480) 1L [ ]
Auswählbar (DIN 5480) 1M [ ] (Nur für VR673)

Schutzklasse von Motor:

IP55 [ ] IP65 [ ] Ex-Schutz [ ]
IP.....

Betriebsort:

Kleine geschlossene Räume (w<1m/sn) [ ]
Geschlossene Räume (w<3m/sn) [ ]
Große Räume und Hallen (w>=3m/sn) [ ]
im Freien [ ]

Umgebungstemperatur:

Mittelwert..... ^{0}C
Maximal..... ^{0}C
Minimal..... ^{0}C

Wenn Kranklasse nicht festgelegt;

Betriebsstunden pro Tag:

..... Stunde

Anzahl von Start-Stop pro Stunde:

.....

Kranhakenhöhe:

.....Meter

Beladungszustand von Getriebe:

Leicht [ ] Mittel [ ] Schwer [ ] Sehr Schwer[ ]

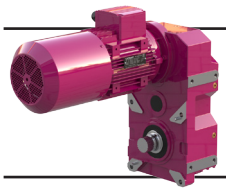
Anhang:

Lastdiagramm [ ]
Projekt [ ]
Geswünschte Hauptdimensionen [ ]
Technische Daten [ ]

Andere Notizen:

*: Pflichtfelder für die Auswahl des Getriebes.

Notlar / *Notes* / Notizen



Genel Bilgiler
General Information
Einführung

Yağlama

Redüktörlerin uzun ömürlü olması ve iyi performansla çalışabilmesi için, kullanılan yağın seçimi doğru olmalı ve belirtilen zamanlarda değişimleri yapılmalıdır.

Yağın seçiminde devir, çevre sıcaklığı, redüktör yağ sıcaklığı, çalışma koşulları ve yağ ömrü önem taşımaktadır. Redüktörler yağı doldurulmuş olarak sevkedilmektedir. Redüktörler uzun süre depolanacakları zaman veya çalışmaya başlanacağı zaman çalışma konumuna göre üstte kalan tapa sökülmeli ve redüktörün beraberinde verilen havalandırma tapası kullanılmalıdır. Bu redüktörün iç basıncından dolayı oluşacak yağ sızmalarını önleyecektir.

Redüktörlerde standart olarak kullanılan yağlar yan sayfadaki tabloda verilmiştir. Redüktörünüzde kullanılan yağ tipi için lütfen etiketine bakınız. Siparişte belirtilmez ise V serisi redüktörler **M5** montaj pozisyonuna göre yağ miktarı ile doldurulur. Bu pozisyon dışındaki çalışma durumlarında tablolarda verilen yağ miktarlarına göre ilave veya eksiltme yapılmalıdır. Özel çalışma koşullarında firmamıza danışmanız tavsiye edilir.

Mineral yağlar her 10.000 çalışma saatinde, sentetik yağlar ise her 25.000 çalışma saatinde değiştirilmelidir. Ağır çevre koşullarında (ani ısı değişiklikleri, yüksek nemlilik v.b) yağ değiştirme periyotlarının kısaltılması tavsiye edilir. Mineral yağlar ile sentetik yağlar birbirine kesinlikle karıştırılmamalıdır. Değiştirme işlemi bir çalışma periyodunun hemen peşinden ve yağ sıcakken yapılmalıdır. Bu şekilde bir değiştirme, redüktör içindeki partiküllerin yağa karışmış olarak bulunmasından dolayı iyi bir temizleme ve yağın rahat boşalması neticesini verecektir.

Lubrication

To work in perfect condition and to have long life for the gear box the lubricant must be chosen correctly and changed in time.

In selection of oil it is important to consider speed, ambient temperature, gear box oil temperature, working conditions and the life required from the lubricant. All units are filled with lubricant before shipping. Before the gearbox is stored for a long time or before starting up, the top plug (according to the working position) must be removed and the extra given vent plug must be replaced. This prevents excessive pressure which causes oil leakages.

*The lubricants for standard gear units are given on the table on next page. Please look at your gear units label for filled oil type. If it is not written on the gearbox selection form, the V type gearboxes are filled for mounting position of **M5**. For other mounting positions please refer to the table given on the next pages. For special working conditions please contact us.*

The mineral lubricant should be changed after every 10.000 service hours and the synthetic lubricant should be changed after every 25.000 working hours. If the operation conditions are very heavy (e.g. high temperature differences, high humidity) shorter intervals between changes are recommended. Mineral and synthetic oils must not be mixed up. By changing the lubricant complete cleaning is advised. The oil change should be done after a working period. Because oil is hot in this condition and impurities are mixed with it the changing of oil will be done in best result and the oil will drain easily.

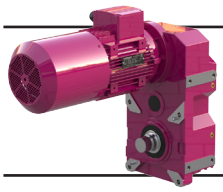
Schmierung

Um eine lange Lebensdauer zu gewährleisten muss der Schmierstoff richtig ausgewählt werden.

Für die richtige Ölauswahl müssen Drehzahl, Umgebugstemparatur, Belastungsart und Lebensdauer des Öls berücksichtigt werden. Die mitgelieferte Entlüftungsschraube ist vor Inbetriebnahme oder längeren Lagern gegen die Einfüllschraube auszutauschen, um einen Überdruck im Getriebe und damit eine Undichtigkeit des Getriebes zu vermeiden. Getriebe und Getriebemotoren sind bei Auslieferung betriebsfertig gefüllt.

Ohne besondere Bestellangaben werden die Getriebe grundsätzlich mit den auf der folgenden Seite in der grau unterlegten Spalte angegebenen Schmierstoffen gefüllt. Bitte im Getriebe verwendetes Öl von dem Namenschild ablesen. Die V Serie wird für Bauform **M5** gefüllt, wenn bei der Bestellung keine Angaben vorgegeben sind. Für andere Bauformen sind die auf der nächsten Seite angegebenen Füllmengen zu beachten.

Ein Schmierstoffwechsel sollte alle 10.000 Betriebsstunden durchgeführt werden. Für synthetische Produkte beträgt diese Frist 25.000 Stunden. Bei extremen Betriebsbedingungen, z.B. hohe Luftfeuchtigkeit, aggresiver Umgebung und hohen Temparatur-schwankungen sind kürzere Schmierstoffintervalle vorteilhaft. Es ist empfehlenswert, dem Schmierstoffwechsel mit einer gründlichen Reinigung des Getriebes zu verbinden. Synthetische und mineralische Schmierstoffe dürfen nicht miteinander vermischt werden. Das Ablassen des Öls soll unmittelbar nach dem Abschalten erfolgen, solange das Öl noch warm ist. In dieser Zustand ist das Öl mit den Schmutzpartickeln vermischt, so dass eine Entfernung des Altöls eine gute Reinigung benötigt.

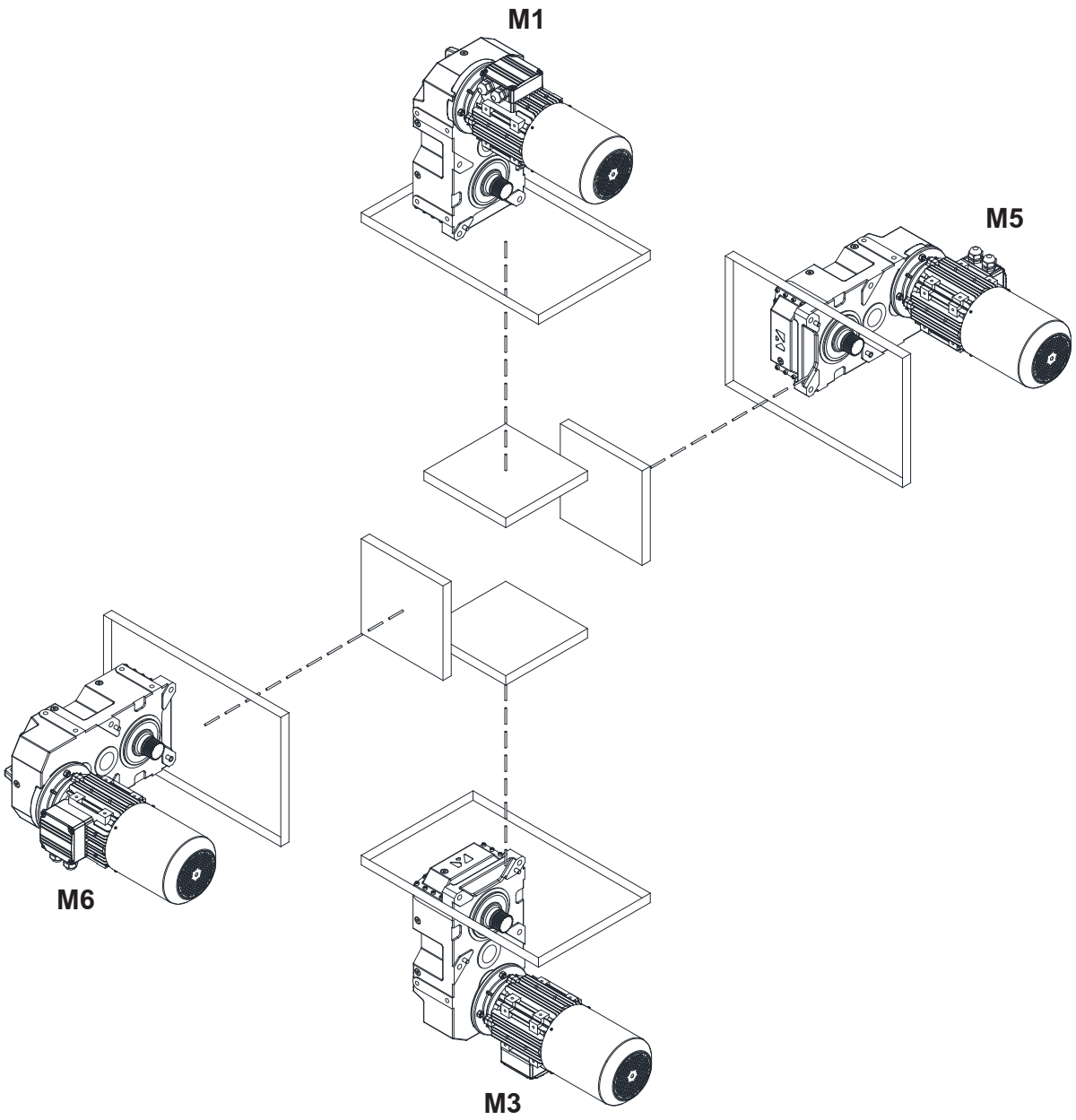


Yağ Tipleri / *Oil Types* / Schmierstoffe

Yağ Cinsi *Lubricant* Art des Schmier-stoffes	DIN 51517-3	Çevre Sıcaklığı [°C] *Ambient Temp. [°C]* Umgebungstemp. [°C]	ISO VG	Aral	Beyond Petroleum	Castrol	Klüber Lubrication	Mobil	Shell	Total
		Daldırma Yağlama *Dip Lubrication* Tauchschmierung								
Mineral Yağlar *Mineral Oil* Mineralöl	**CLP**	0 ... +50	680	Degol BG 680	Energol GR-XP 680	Alpha SP 680	Klüberoil GEM 1-680 N	Mobilgear XMP 680	Omala S2 GX 680	Carter EP 680
		-5 ... +45	460	Degol BG 460	Energol GR-XP 460	Alpha SP 460	Klüberoil GEM 1-460 N	Mobilgear XMP 460	Omala S2 GX 460	Carter EP 460
		-10 ... +40	320	Degol BG 320	Energol GR-XP 320	Alpha SP 320	Klüberoil GEM 1-320 N	Mobilgear XMP 320	Omala S2 GX 320	Carter EP 320
		-15 ... +30	220	Degol BG 220	Energol GR-XP 220	Alpha SP 220	Klüberoil GEM 1-220 N	Mobilgear XMP 220	Omala S2 GX 220	Carter EP 220
		-20 ... +20	150	Degol BG 150	Energol GR-XP 150	Alpha SP 150	Klüberoil GEM 1-150 N	Mobilgear XMP 150	Omala S2 GX 150	Carter EP 150
		-25... +10	100	Degol BG 100	Energol GR-XP 100	Alpha SP 100	Klüberoil GEM 1-100 N	Mobilgear XMP 100	Omala S2 GX 100	Carter EP 100
Sentetik Yağlar *Synthetic Oil* Synthetisches Öl	**CLP PG**	-10 ... +60	680	Degol GS 680	Energsyn SG-XP 680	–	Klübersynth GH 6 -680	Mobil Glygoyle 680	Omala S4 WE 680	Carter SY 680
		-20 ... +50	460	Degol GS 460	Energsyn SG-XP 460	Alphasyn PG 460	Klübersynth GH 6 -460	Mobil Glygoyle 460	Omala S4 WE 460	Carter SY 460
		-25 ... +40	320	Degol GS 320	Energsyn SG-XP 320	Alphasyn PG 320	Klübersynth GH 6 -320	Mobil Glygoyle 320	Omala S4 WE 320	Carter SY 320
		-30 ...+30	220	Degol GS 220	Energsyn SG-XP 220	Alphasyn PG 220	Klübersynth GH 6 -220	Mobil Glygoyle 30	Omala S4 WE 220	Carter SY 220
		-35 ... +20	150	Degol GS 150	Energsyn SG-XP 150	Alphasyn PG 150	Klübersynth GH 6 -150	Mobil Glygoyle 22	Omala S4 WE 150	Carter SY 150
		-40 ... +10	100	–	–	–	Klübersynth GH 6 -100	Mobil Glygoyle 100	–	–
	CLP HC	-10 ... +60	680	–	–	–	Klübersynth GEM 4-680 N	Mobil SHC Gear 680	Omala S4 GXV 680	Carter SH 680
		-20 ... +50	460	Degol PAS 460	Enersyn EP-XF 460	Alphasyn T 460	Klübersynth GEM 4-460 N	Mobil SHC Gear 460	Omala S4 GXV 460	Carter SH 460
		-30 ... +40	320	Degol PAS 320	Enersyn EP-XF 320	Alphasyn T 320	Klübersynth GEM 4-320 N	Mobil SHC Gear 320	Omala S4 GXV 320	Carter SH 320
		-40 ... +40	220	Degol PAS 220	Enersyn EP-XF 220	Alphasyn T 220	Klübersynth GEM 4-220 N	Mobil SHC Gear 220	Omala S4 GXV 220	Carter SH 220
		-40 ... +40	150	Degol PAS 150	Enersyn EP-XF 150	Alphasyn T 150	Klübersynth GEM 4-150 N	–	Omala S4 GXV 150	Carter SH 150
		-40 ... +40	100	–	–	–	Klübersynth GEM 4-100 N	–	–	–
Gıda Uyumlu Yağ *Food Grade Oil* Lebensmittelöl	**CLP NSF H1**	-30 ... +25	220	–	–	Optileb GT 220	Klüberoil 4 UH1-220 N	Mobil SHC Cibus 220	–	Nevastane SL 220
Çevre Dostu Yağ *Biodegradable Oil* Biologisch abbaubares Öl	**CLP E**	-25 ... +40	320	–	–	Tribol BioTop 1418-320	Klübersynth GEM 2-320	–	–	Carter Bio 320

	Ürün Kodu *Product Code* Produktcode	Çalışma Sıcaklığı [°C] *Working Temp. [°C]* Betriebstemperatur [°C]	NLGI Sınıfı *NLGI Grade* NLGI-Klasse	Baz Yağı *Base Oil* Basis Öl	Renk *Colour* Farbe
Mineral Gresler *Mineral Grease* Mineral-Fett	Mobil XHP 223	-20 ... +140	NLGI 3	ISO VG220	**Mavi** *Blue* Blau
Sentetik Gresler *Synthetic Grease* Synthetisches Fett	Mobil SHC Grease 460 WT	-30 ... +150	NLGI 1.5	ISO VG460	**Kırmızı** *Red* Rot
	Mobilith SHC 100	-40 ... +150	NLGI 2	ISO VG100	
	Mobilith SHC 007	-50 ... +150	NLGI 00	ISO VG460	
Gıda Uyumlu Gresler NSF H1 *Food Grade Grease NSF H1* Lebensmittelfett NSF H1	Mobil SHC Polyrex 222	-30 ... +170	NLGI 2	ISO VG220	**Beyaz** *White* Weiß
	Klüberlub NH1 222	-15 ... +100	NLGI 2	ISO VG 1220	**Sarı** *Yellow* Gelb
Sıvı Gresler (Mineral) *Liquid Grease (Mineral)* Flüssiges Fett (Mineral)	Shell Gadus S2 V 220 00	-20 ... +100	NLGI 00	ISO VG220	**Kahverengi** *Brown* Braun

V Serisi Montaj Pozisyonları / *V Series Mounting Positions /* V Serie Bauformen

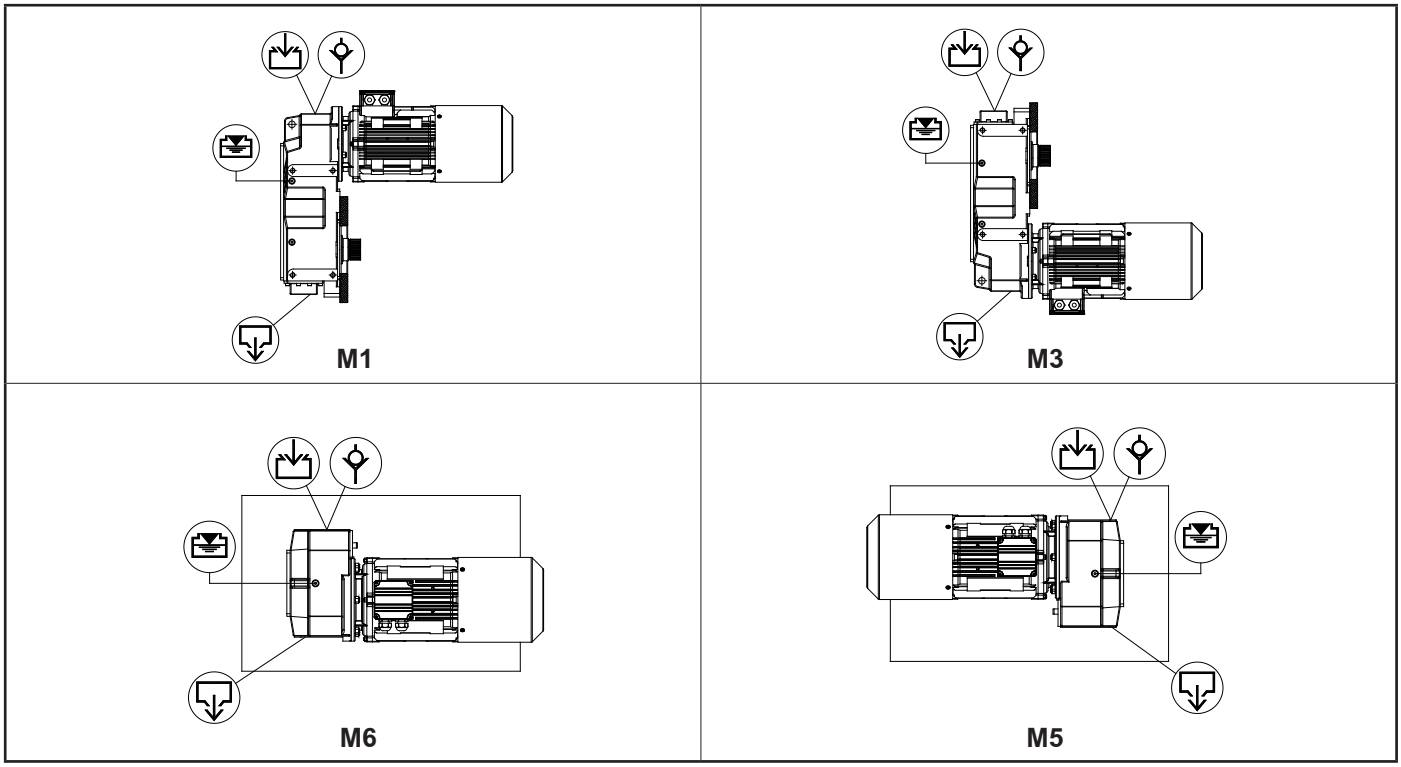


M1....M6 'ya kadar belirtilen montaj pozisyonları redüktörün duruş yönü referans alınarak belirlenmiştir.

Figured mounting positions of M1 to M6 are determined as reference of directional position of the gearbox.

Dargestellte Montagepositionen M1 bis M6 wurden nach der Stehrichtung von Getriebe bestimmt.

V Serisi Redüktörler Yağ Seviye Tapaları
V Series Gearboxes Oil Level Plugs
V Serie Getriebe Ölverschlußschrauben



Yağ Miktarları (lt) / *Oil Quantities (lt)* / *Ölmengen (lt)*

Tip *Type* Typ	**V Serisi Yağ Miktarları (lt)** *V Series Oil Quantities (lt)* Ölmengen von V Serie (lt)			
	M1	**M3**	**M5**	**M6**
V273	1,6	2,2	1,4	1,4
V373	3,3	4,0	2,6	2,5
V473	4,5	6,9	4,3	4,1
V573	9,7	12,5	9,2	9,0
V673	16,3	21	16	15,8
V773	30	31,5	21	20,5
V873	52	59	37,5	42,5

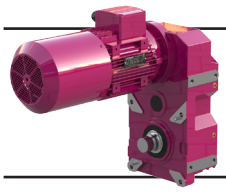
Semboller :
Symbols :
Symbole :

:Yağ doldurma
:Oil filling
:Ölfüllung

:Yağ boşaltma
:Drain plug
:Ölauslass

:Yağ seviyesi
:Oil level
:Ölstand

:Havalandırma
:Vent Plug
:Entlüftungschraube



MOTORLAR
AC Motorlar
a- Genel Özellikler:

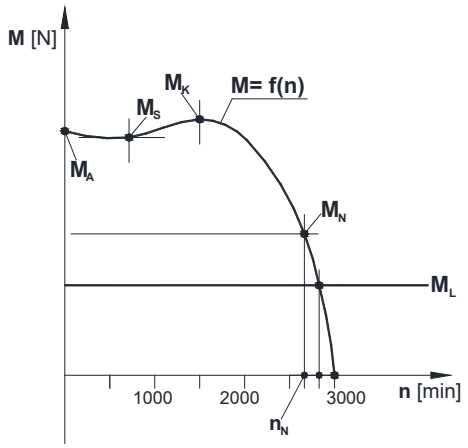
Basit konstrüksiyonlu, bakım gerektirmez, güvenirliği yüksek ve uygun fiyatlı olmaları nedeni ile trifaze asenkron motorlar en çok kullanılan motor cinsidir. Bu motorların çalışma karekteristikleri moment-hız eğrisi ile belirlenir. Aşağıda bu karekteristik eğrisine bir örnek verilmiştir.

MOTORS
AC Motors
a- General Specifications:

On account of its simple and maintenance free construction, good reliability and price, the three phase squirrel cage motor is one of the most frequently employed electric motors. The run up behavior of a three phase squirrel cage motor is described by the torque-speed characteristic curve. An example is shown below.

MOTOREN
Drehstrommotoren:
a- Allgemeine Eigenschaften

Wegen die wartungsarme und leichte Konstruktion, hohe Sicherheit bei Nutzung und günstige Preise werden die asynchrone Drehstrommotoren am meisten benutzt. Motoranlaufverhalten wird mit Moment-Drehzahl-Kurve charakterisiert. Ein Beispiel ist unten angegeben.



M_A: Start momenti / *Starting torgue* / Anlaufmoment

M_S: Demeraj momenti / *Pull-up torgue* / Anziehungsmoment

M_K: Frenleme momenti / *Pull -out torgue* / Bremsungsmoment

M_N: Motorun ilettiği moment / *Motor rated torque* / Treibmoment

M_L: Yük momenti / *Load torque* / Lastmoment

Motorun her start yapılmasında bu eğriye uygun hareket eder ve yük momenti M ile bu eğrinin çakıştığı nokta, motorun çalışma anındaki moment ve devirini verir.

Statorun manyetik alanı senkron hızla n döner. Kutuplar arasındaki faz kayması 3 fazlı motorlarda 120° *'dir.*

$$n_s = 120 \times \frac{f}{p_s}$$

f.....: şebeke frekansı [Hz]
p_s.....: statorun kutup sayısı

Rotorun değişken manyetik alanı rotorun statorun manyetik alanının dönüşü yönünde dönmeye başlamasını sağlar. Rotor bu hareketinde statorun manyetik alanını takip eder ama hiçbir zaman yakalayamaz. Rotor statorun manyetik alanının hızından yavaş döner. Rotorun bu hızına baz hız n_N denir. Yükün azalması rotorun hızının artmasını sağlar, aynı zamanda sapma azalmış olur. Sapma aşağıdaki gibi belirlenmiştir:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

Sapmanın miktarına göre motorun nominal değerlerinde şu farklılıklar olabilir.
Sapma s .....:± 20%
Kalkış Akımı.....:± 20%
Kalkış Momenti.....:-15 /+25 %
Kütle Atalet Momenti.....:± 10%
Verim (37 kW'a kadar).....:-0,15 (1-η)

The motor follows this torque characteristics up to its stable operating point every time, when it is switched on. Operating point is that point, where the moment speed curve intersects with load torque M line.
The magnetic field in the stator rotates at a synchronous speed n. Phase shift of each pole is 120° at 3 phase motors.

$$n_s = 120 \times \frac{f}{p_s}$$

f.....: supply frequency [Hz]
p_s.....: number of stator poles

Because of the alternating magnetic field in the rotor, the rotor starts running in the same direction of the stator flux and tries to catch up with the rotating flux. The rotor never catches up the stator field. The rotor runs slower than the speed of the stator field. This speed is called the base speed n_N.
A decrease in load will cause the rotor to speed up or decrease slip. The slip is defined as follows:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

According to the slip, the nominal values of the electric motor can alter as follows:
Slip s .....:± 20%
Starting current .....:± 20%
Starting torque .....:-15 /+25 %
Moment of inertia.....:± 10%
Efficiency (up to 37 kW).....:-0,15 (1-η)

Der Drehstrommotor läuft diese Kurve bei jeder Anlauf, bis dem stabilen Betriebspunkt erreicht wird. Betriebspunkt ist der Zustand, bei dem die Moment-Drehzahl-Kurve sich mit der Linie von erforderlichen Moment M schneidet.
Magnetisches Feld von Stator dreht sich mit synchroner Geschwindigkeit n. Phasenverschiebung von den Polen ist 120° bei 3 phasigen Drehstrommotoren.

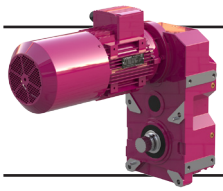
$$n_s = 120 \times \frac{f}{p_s}$$

f.....: Frequenz der Spannung [Hz]
p_s.....: Anzahl der Polen von Stator

Durch das magnetische Wechselfeld in den Rotor, beginnt der Rotor sich in der gleichen Richtung des Statorflusses zu drehen und versucht diese Bewegung aufzuholen. Der Rotor kann den Statorfeld nie aufholen. Die Rotorgeschwindigkeit nennt man Basisgeschwindigkeit n_N. Eine Abnahme der Belastung bewirkt, dass der Rotor sich beschleunigt und der Schlupf sich verringert. Der Schlupf wird wie folgt definiert:

$$s = \frac{n_s - n_N}{n_s} \times 100$$

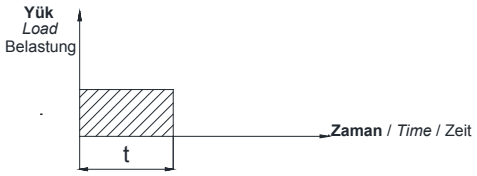
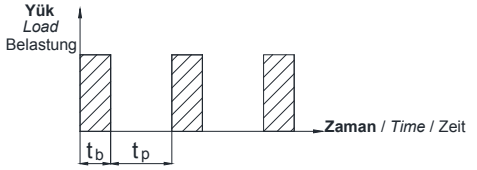
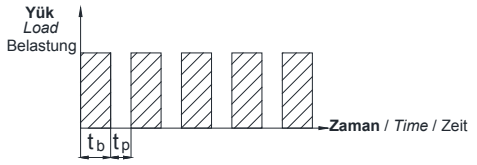
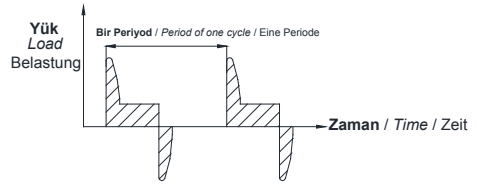
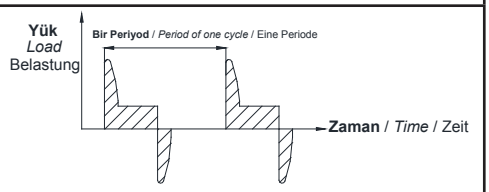
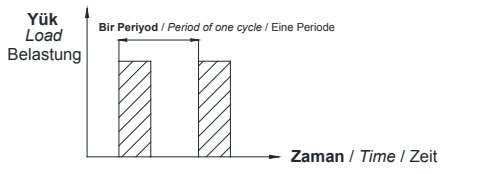
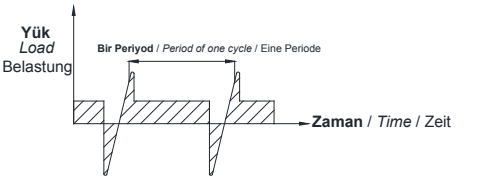
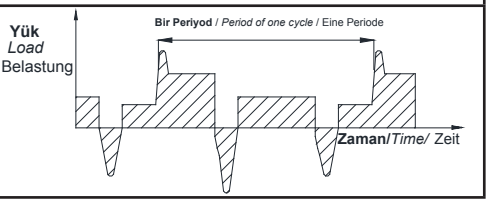
Für die nominale Werte der Drehstrommotoren sind folgende Abweichungen zulässig:
Schlumpf s .....:± 20%
Anzugsstrom .....:± 20%
Anzugsmomet .....:-15 /+25 %
Massentägheitsmoment .....:± 10%
Wirkungsgrad (bis 37 kW).....:-0,15 (1-η)

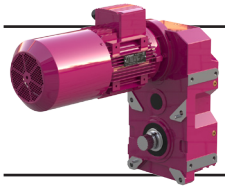


b- Çalışma Türleri
Katalogta verilen tüm redüktörlerin motorları S1 çalışma türüne uygun verilmektedir. Diğer çalışma türleri aşağıdaki tabloda gösterilmiştir.

b-Modes of Operation
All motors of the catalogue have been laid out for duty S1 (continuous operation). Other duty types are given on the following table.

b-Betriebsarten
Die im Katalog angeführten Motoren sind für Betriebsart S1 (Dauerbetrieb) ausgelegt. Andere Betriebsarten sind unten angegeben.

Çalışma Türü *Operation* Betriebsarten	**Açıklama** *Explanation* Erläuterung	**Yük Grafiği** *Load Graphic* Lastverläufe
S1	**Sabit yükte sürekli çalışma** *Continuous operation under constant load* Dauerbetrieb mit konstanter Belastung	
S2	**Sabit yükte kısa süreli çalışma** *Short-time duty under constant load* Kurzbetrieb mit konstanter Belastung	
S3	**Yolvermede sıcaklık artımı olmadan periyodik çalışma** *Periperiodic duty without influence of start-up on temperature* Aussetzbetrieb ohne Einfluss des Anlaufes auf die Temperatur	
S4	**Yolvermede sıcaklık artımı olan periyodik çalışma** *Periodic duty with influence of start up on temperature* Aussetzbetrieb mit Einfluss des Anlaufes auf die Temperatur	
S5	**Yolvermede ve frenlemede sıcaklık artımlı periyodik çalışma** *Periodic duty with influence of startup and braking on temp.* Aussetzbetrieb mit Einfluss des Anlaufes / Bremsung auf die Temp.	
S6	**Sürekli orta darbeli çalışma** *Continuous operation with intermittent loading* Durchlaufbetrieb mit Aussetzungsbelastung	
S7	**Elektriksel frenlemeli sürekli orta darbeli çalışma** *Continuous operation with intermittent loading and breaking* Ununterbrochener Betrieb mit Anlauf und Bremsung	
S8	**Devir ve yük değişimli sürekli çalışma** *Continuous operation duty type with related load-speed changes* Ununterbrochener periodischer Betrieb mit Drehzahländerung	



c- Koruma Sınıfı:
Yılmaz Redüktörde standart olarak IP55 (IEC 34-5) koruma sınıflı motorlar kullanılmaktadır. Diğer koruma sınıfları istendiğinde firmamıza danışınız.

d- İzolasyon Sınıfı:
Yılmaz Redüktörde kullanılan standart izolasyon sınıfı F (IEC 317-8) dir. İstek üzerine H sınıfı yapılabilmektedir.

e- Verim Sınıfları:
Üç fazlı az gerilim asenkron motorların verim sınıfı ölçümü IEC 60034-2-1:2007 normu ile belirlenmiştir. Yeni IE verim sınıfı 0,75 kW'tan 375 kW'a kadar güç aralığında çalışan AC motorlar için geçerlidir. EFF verim sınıfından farklı olarak IE verim sınıfı 6 kutup sayılı motorlar içinde kullanılabilir. Aşağıda verim sınıfları sıralanmıştır. Bölgeler dışında verim sınıfı zorunlulukları ülkelere göre de farklılık gösterebilir. Lütfen firmamıza danışınız. Başka ürünlere entegre olmuş ve bu nedenle motorun veriminin bağımsız belirlenemediği sistemlerde (redüktör pompa gibi) verim sınıflandırması geçerli değildir.

c- Protection Class:
Yilmaz Reduktor uses IP55 (IEC 34-5) protection class electric motors for standard products. If different kind of protection class is requested please contact us.

d- Insulation Class:
Yilmaz Reduktor uses F (IEC 317-8) insulation class electric motors for standard products. H insolation class is available upon request.

e- Efficiency Classes:
The method for measuring the efficiency of low voltage three-phase asynchronous motors was revised with the new IEC 60034-2-1:2007 standard. The new IE classes is valid for AC Motors in power range from 0,75 to 375 kW. Unlike the EFF classes IE classes can be used for 6-pole AC motors. Bellow is the table of efficiency classes. The instructions for efficiency classes can differ from country to country. Please contact with us for more information. For the motors, which are fully integrated into a product (for example gear, pump) so their energy efficiency can not be recognized independently, the requirements of efficiency are not valid in Europe.

c- Schutzarten:
Yilmaz Reduktor Getriebemotoren werden serienmäßig mit Schutzart IP55 (IEC34-5) ausgeführt. Für andere Schutzarten bitte rückfragen.

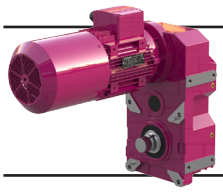
d- Isolationsklasse:
Yilmaz Reduktor Getriebemotoren werden serienmäßig in Wärmeklasse F (IEC317-8) ausgeführt. H Wärmeklasse ist möglich auf Kundenwunsch.

e- Energieeffizienzklassen:
Die Methode für Messung die Effizienz von drei phasigen gering Spannung Asynchronmotoren hat neu mit IEC 60034-2-1:2007 Norm festgestellt. Die neue IE-Klassen gelten für alle Drehstrommotoren im Leistungsbereich von 0,75 bis 375 kW. Anders als EFF-Klassen die IE-Klassen können auch für 6-polige Drehstrommotoren verwendet werden. Unten steht die Tabelle der Effizienzklassen. Die Richtlinien für Effizienzklassen können sich je nach dem Land unterscheiden. Bitte mit unserem Firma Kontakt aufnehmen. Für die Motoren, die vollständig in ein Produkt (zum Beispiel Getriebe, Pumpe) eingebaut sind und deren Energieeffizienz nicht unabhängig von diesem Produkt erfasst werden kann, gelten in Europa die Anforderungen der Effizienzklassen nicht.

Verim Sınıfları *Efficiency Classes* Energieeffizienzklassen			**4 Kutuplu Motor Verim Değeri Hesabı** *Calculating Efficiency Values of Motors with 4 Poles* Berechnung der Wirkungsgrade von Elektromotoren mit 4 Polen	
IE2	EFF 1	**Yüksek Verim** *High Efficiency* Hohe Energieeffizienz	A=0,0278 B=-1,9247 C=10,4395 D=80,9761	$\eta_{Mn} = A \times [\log_{10}(P_L)] + B \times [\log_{10}(P_L)]^2 + C \times \log_{10}(P_L) + D$
IE3	-	**Premium Verim** *Premium Efficiency* Premium Energieeffizienz	A=0,0773 B=-1,8951 C=9,2984 D=83,7025	
IE4	-	**Süper Premium Verim** *Super Premium Efficiency* Super Premium Energieeffizienz	A=0,2412 B=-2,3608 C=8,446 D=86,8321	

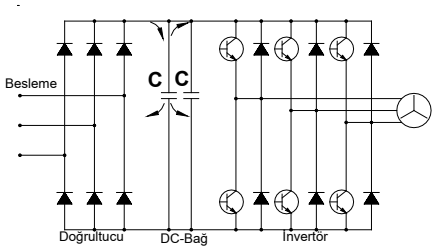
4 Kutuplu Motor Verim Değerleri *Efficiency Values of Motor with 4 poles* Sollwirkungsgrad des Motors mit 4 Polen	**Anma Yükü [kW]** *Nominal Load [kW]* Nennlast [kW]	**Verim Sınıfı** / *Efficiency Class* / Energieeffizienzklasse			**Anma Yükü [kW]** *Nominal Load [kW]* Nennlast [kW]	**Verim Sınıfı** / *Efficiency Class* / Energieeffizienzklasse	
		IE2	**IE3**	**IE4**		**IE3**	**IE4**
	0,12	%60,1	%66,0	-	**11**	%91,5	%93,3
	0,18	%64,7	%69,9	-	**15**	%92,1	%93,9
	0,25	%74,0	%76,0	-	**18,5**	%92,6	%94,2
	0,37	%76.1	%78,5	-	**22**	%93,0	%94,5
	0,55	%77,1	%80,8	-	**30**	%93,6	%94,9
	0,75	-	%82,5	-	**37**	%93,9	%95,2
	1,1	-	%84,5	-	**45**	%94,2	%95,4
	1,5	-	%85,3	-	**55**	%94,6	%95,7
	2,2	-	%86,7	-	**75**	-	%96,0
	3,0	-	%87,7	-	**90**	-	%96,1
	4,0	-	%88,6	-	**110**	-	%96,3
	5,5	-	%89,6	%91,9	**132**	-	%96,4
	7,5	-	%90,4	%92,6	**160**	-	%96,6
	9,2	-	%90,4	-	**200**	-	%96,7

Motorlu redüktörlerimizde kullanılan motorların verimleri tabloda gri olarak belirtilmiştir. */The efficiencies of the motors used in our geared motors have been indicated in gray in the table.* / Die Effizienz der Motoren, die in unseren Getriebemotoren verwendet werden, wurde in der Tabelle in Grau angegeben.

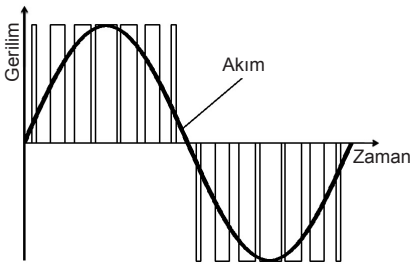


f- AC Frekans İnvertörler

Doğru Akımı (DC), alternatif akıma (AC) çeviren elektronik çeviricilere invertör denilmektedir. AC motorlar için elektronik hız kontrol cihazları genellikle AC giriş akımını doğrultucu diyotlarla DC akıma çevirir ve daha sonra çevirici diyotlar vasıtası ile bu akımı tekrar AC akıma çevirir. Doğrultucu diyotlar ile çevirici diyotlar arasındaki bağlantı DC-bağ olarak tanımlanmaktadır. DC kontrol cihazının (genellikle invertör olarak isimlendirilir) elektriksel blok şeması aşağıda verilmiştir.

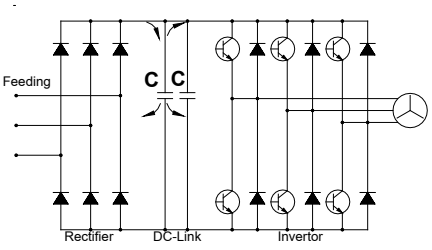


Tam dalga doğrultucuları besleyen üç faz besleme akımı DC-bağ kapasitörlerine iletilir. Kapasitörler voltajdaki dalgalanmaları azaltır ve kısa süreli ağdaki akım kesintilerinde enerji sağlar. Kapasitörlerdeki voltaj kontrolsüzdür ve gelen AC akımın pik akım değerlerine bağlıdır. DC akım tekrar AC akıma, Puls genişliği modulasyonu (PWM) kulanılarak çevrilir. İstenen dalga formu, sabit bir frekansta (Puls frekansında), çıkış transistörlerinin (İzole edilmiş geçit Bipolar transistörleri; IGBT 'ler) açılıp kapatılması ile oluşturulur. IGBT'lerin açma kapama zamanlarının değişimi ile istenen akım oluşturulabilir. Çıkış voltajı bir seri kare dalga pulslardır ve motor sargılarının indüktansı ile sinusodial bir motor akımı oluşur. Puls genişliği modulasyonu aşağıda gösterilmiştir.

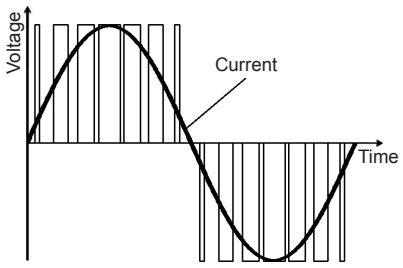


f- AC Frequency Inverters

An electronic converter is a device which converts Direct Current (DC) to Alternating Current (AC) is known as an inverter. Electronic speed controllers for AC motors usually convert the AC supply to DC using a rectifier, and then convert it back to a variable frequency, variable voltage AC supply using an inverter bridge. The connection between the rectifier and inverter is called the DC link. The block diagram of a speed controller (often called an inverter) is shown below.

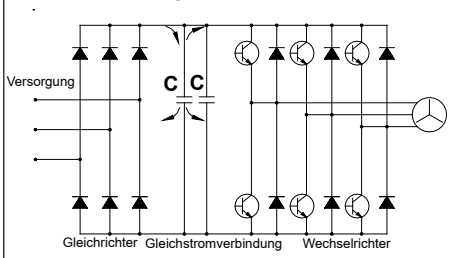


The three phase supply is fed into a full wave rectifier which supplies the DC link capacitors. The capacitors reduce the voltage ripple (especially on single supplies) and supply energy for short mains breaks. The voltage on the capacitors is uncontrolled and depends on the peak AC supply voltage. The DC voltage is converted back to AC using Pulse Width Modulation (PWM). The desired waveform is built up by switching the output transistors (Insulated Gate Bipolar Transistors; IGBTs) on and off at a fixed frequency (the switching frequency). By varying the on and off time of the IGBTs the desired current can be generated. The output voltage is still a series of square wave pulses and the inductance of the motor windings results in a sinusoidal motor current. Pulse Width Modulation is shown in the figure below.

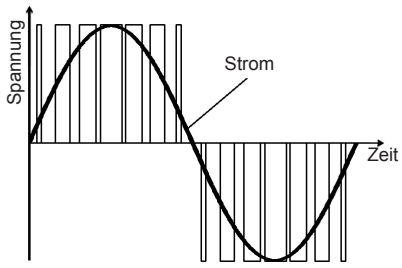


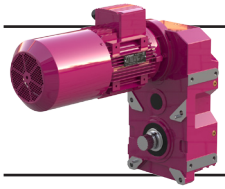
f- AC Frequenz Umrichter

Ein elektronischer Wandler, der den Gleichstrom (DC) in Wechselstrom (AC) umwandelt, wird als Umrichter bezeichnet. Ein Frequenzumrichter benutzt einen ungesteuerten Eingangsgleichrichter, um die Netzspannung in Gleichspannung umzuwandeln. Diese wird dann in den Zwischenkreiskondensatoren gespeichert. An diesem Gleichspannungszwischenkreis ist ein Wechselrichter angeschlossen. Dieser Wechselrichter erzeugt am Ausgang eine variable Frequenz und eine variable Spannung. Der Anschluss zwischen dem Gleichrichter und dem Wechselrichter nennt man Gleichstromverbindung. Das Blockschaltbild von diesem System wurde unten dargestellt:



Auch bei dreiphasiger Versorgung wird die gleichrichtete Netzspannung den Zwischenkreiskondensatoren zugeführt. Die Kondensatoren reduzieren die Oberwelligkeit der Spannung (was besonders bei einphasiger Versorgung entscheidend ist) und liefern Energie, die kurze Unterbrechungen der Netzstromversorgung ermöglicht. Die Spannung der Kondensatoren ist vom Spitzenwert der Wechselspannung abhängig. Die Gleichspannung wird im Wechselrichter durch Pulsweitenmodulation (PWM) in Wechselspannung umgewandelt. Die gewünschte Wellenform wird durch Ein- und Ausschalten der Ausgangstransistoren (IGBT's Isolierte Gate Bipolar Transistoren) mit einer festen Frequenz (der Pulsfrequenz) erzeugt. Der gewünschte Strom kann durch die Variation der Ein- und Ausschaltzeit der Ausgangstransistoren generiert werden. Die Ausgangsspannung ist dadurch eine Reihe von Spannungsimpulsen, die in Verbindung mit der Induktivität der Motorspulen zu einem sinusförmigen Motorstrom führt. Die Pulsweitenmodulation wird wie folgt dargestellt





DC MOTORLAR

a- Genel Özellikler

DC motorlar, elektronik parçalardaki gelişmeler nedeni ile yeni uygulama alanları bulmuştur. Daha önce çok pahalı olan ve ekonomik olmayan kontrol sistemlerinin yerini ucuz ve kompakt güç kontrol üniteleri almıştır. Yol vermenin kontrol altına alınabildiği, tork ve akım izlenebilirliği, aşırı yüklenmeye karşı elektronik koruma sağlanabilmesi ve daha birçok pahalı olmayan uygulamalar DC motorlarını cazip kılmaya başlamıştır.

b- DC Motorların Çalışma İlkeleri

DC motorlar için DC çıkış veren bir doğrultucuya ihtiyaç vardır. Motor armatür sargıları, alan sargıları,komutasyon sargıları ve kompanse sargılar olmak üzere rotorda ve statorda bulunan sargılardan oluşur. Rotora voltaj ve akım karbon fırçalar ve komutator sargılarla ulaştırılır. Bu karbon fırçalar aşındığından DC motorlar belirli periyotlarla bakıma alınmalıdır. İyi kontrol edilebilme özelliklerinden dolayı DC motorlar otomasyon teknolojisinde sıkça kullanılmaktadır.

c- DC Motor Çeşitleri

Temel olarak Şönt (Shunt) ve seri sargılı DC motorlar bulunmaktadır. Bu sargıların çeşidine göre moment eğrisi değişmektedir.

d- DC Motorlarda Hız Kontrolü

Bu motorlarda devir değişimi DC voltajın değiştirilmesi ile yapılır. Şönt sarımlı DC motorların sıfır yük ile maximum yük arasındaki davranışı AC motorlara benzer. Devir artan yükle beraber düşer. Bu devir farkı ufak güçlü motorlarda büyük, büyük güçlü motorlarda ise ufaktır. Fakat bu hız farkı DC doğrultucu cihazda armatür voltajı (I x R) ile oynanarak kompanse edilebilir. Hassas hız kontrol gereksinimi olduğunda, tako jeneratörler kullanılabilir. DC motorların gücü aşağıdaki formülden hesaplanır;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Giriş gücü W
P_C : Çıkış gücü W
U : Armatür gerilimi V
I : Armatür akımı A
η : Motor verimi

DC MOTORS

a- General Specifications of DC Motors

DC drive systems have found new possible applications with the development of the electronic components sector. What was previously extremely expensive and in some cases not economically feasible is nowadays realized by miniaturized power converter technology. Additional functions such as guided startup after a predetermined time, torque and current monitoring with electronic protection against overloading, and many inexpensive special applications have made DC drive systems more attractive.

b- Operating principles of the DC Motors

The DC motor requires, a converter with DC output. The motor includes windings, such as armature, field, commutation and compensation windings, which are arranged in the stator as well as on rotor. Voltage and current are supplied to the rotor via the carbon brushes and the commutator. The carbon brushes are wearing parts therefore a DC motor requires maintenance at service intervals. While its good control properties, the DC motor is an essential item in automation technology.

c- Types of DC Motors

Depending on the wiring of the exciting winding or field winding, two basically different variants are regards torque speed characteristics may be distinguished.

d- Speed Control of DC motors

In DC motors the speed is adjusted by altering the DC voltage. DC shunt wounded motors behave similar to three phase induction motors between no load operation and maximum load. The speed drops with increasing loading of the motor. This difference is greater in small motors and smaller in larger motors. The speed difference can compensated in the DC converter device by adjusting (I x R). If great control accuracy is required, a speed control with measurement of the actual values by a tachogenerator can be used. The power of DC motor;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g *: Input Power W*
P_C *: Output Power W*
U : Armature Voltage V
I : Armature Current A
η *: Motor efficiency*

DC MOTOREN

a- Eigenschaften von DC Motoren

Mit den Entwicklungen bei elektronischen Komponenten haben DC Motoren neue Anwendungsbereiche gefunden. Regelungssysteme, die früher sehr teuer und im manchen Anwendungsfällen ungünstig waren, sind jetzt kompakt und günstig. Bei den DC Motoren ist kontrolliertes Anlauf, Moment- und Stromüberwachung mit Überlastschutz möglich. Es gibt viele günstige Sonderanwendungen für diese Motoren. Wegen oben genannten Eigenschaften werden die DC Motoren immer mehr bei unterschiedlichen Anwendungen benutzt.

b- Funktionsprinzip der DC Motoren

Bei DC Motoren ist eine Kommutatorwicklung im Rotor angeordnet, während der magnetische Fluss vom Stator erzeugt wird. Dies kann wiederum mittels einer Erregerwicklung oder durch Permanentmagnete geschehen. Wie bei der Synchronmaschine wird durch das Erregerfeld in der Ankerwicklung eine Wechselspannung, die bei der Gleichstrommaschine jedoch durch den mechanischen Kommutator und die darauf schleifenden Bürsten in eine Gleichspannung umgeformt wird, induziert.

c- Arten von DC Motoren

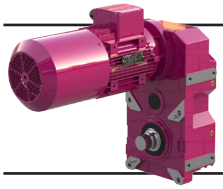
Es gibt zwei verschiedene Wicklungen, nämlich Shunt- und Serial-Wicklung. Das Drehmoment-Drehzahl-Verhältnis ist für beide Wicklungen unterschiedlich.

d- Drehzahl Kontrolle für DC Motoren

Drehzahl von DC Motoren kann man mit Steuerung der DC Spannung ändern. DC Motoren mit Shunt Wicklungen ist ähnlich zu drei phasen AC Motoren zwischen maximalen Last und ohne Last. Drehzahl wird mit der Last reduziert. Mit kleineren Motoren wird dieser Differenz höher mit großeren Motoren kleiner. Der Drehzahlunterschied kann geregelt werden mit (IxR) Veränderung. Wenn eine genaue Kontrolle gebraucht, soll ein Tachogenerator benutzt werden. Leistung des DC Motors;

$$P_g = U \times I = \frac{P_c}{\eta}$$

P_g : Eingangsleistung W
P_C : Ausgangsleistung W
U : Ankerspannung V
I : Ankerstrom A
η : Wirkungsgrad des Motors



Elektromanyetik Frenler

Bu tip frenlerin iki sürtünme yüzeyi vardır. Fren torku, voltaj uygulanmadığı zaman yayların kuvveti ile oluşturulur. Fren elektromanyetik alanın oluşumu ile serbest kalır. Bobinin beslenmesi ile mıknatıslanan balata baskı pulu, elektromıknatısa doğru çekilir. Bu hareket yayları baskı altına alır ve rotor mili üzerine takılan çoklu kama üzerinde aksiyal yönde serbest hareket edebilen balata serbest kalır. Akım kesildiğinde yayların baskısıyla, balata baskı pulu fren balatasına doğru itilir ve bu hareket rotoru frenler.

30kW ve daha büyük motorlarda fren aşınmasından dolayı oluşacak riskleri önlemek için proximity switch standart olarak kullanılmalıdır. Genel olarak kullanılacak kompakt motorlarda fren seçimi motor gövde büyüklüğüne göre değil, motor gücüne göre yapılmalıdır.

Fren Çeşitleri
a) Soğutmasız tip frenler
Motor fanı çıkarılıp motor kapağı arkasına akuple edilerek kullanılan frenler; genellikle sıkça açılıp kapanmayan ve kısa zaman aralıklarında çalışan sistemlerde tercih edilir.

b) Soğutmalı tip frenler
Motor fanı çıkarılıp motor kapağı arkasına akuple edilen ve motorun mili uzatılarak fren ve motorun arkasına alınan fan sayesinde daimi bir hava sirkülasyonu sağlanarak kullanılan frenlerdir. Genellikle uzun süreli çalışan ve kapalı mekanlarda kullanılan sistemlerde tercih edilirler.
c) Manuel kol sistemli frenler çalışma sistemi olarak her iki fren tipinde de kullanılabilir (soğutmalı veya soğutmasız). Özel durumlarda (elektrik kesilmesi; mekanik problemler) üzerinde bulunan bir kol vasıtası ile sistemi yay baskısından kurtararak serbest kalmasını sağlayan frenlerdir. Genellikle manuel olarak sistemin açılması gereken yerlerde (otomatik giriş kapıları, dış cepe boyama asansörleri v.b.) tercih edilir.

Fren Çalışma Voltajları
Elektromanyetik frenler 230V AC veya 400V AC beslemeli olarak sipariş edilebilir. Frenler DC fren olmaları nedeni ile besleme ile fren bobini arasında fren tipine bağlı olarak, yarım dalga, tam dalga doğrultucular veya trafolar kullanılır. Özel olarak belirtilmedikçe 230V beslemeli ve yarım dalga doğrultuculu frenler kullanılmaktadır. Özel durumlar için YILMAZ Redüktöre danışınız.

a) 230V AC ile beslenen frenler
Motor klemens kutusundan alınan 230V'luk AC besleme fren tipine bağlı olarak yarım dalga veya tam dalga doğrultucu ile fren bobininin voltajına düşürülür. Fren bobin DC voltajı etiketi üzerinde belirtilmiştir.
b) 400V AC ile beslenen DC frenler
Motor klemens kutusundan alınan 400V'luk AC besleme, yarım dalga doğrultucu ile fren bobininin voltajına düşürülür. Fren bobininin DC voltajı etiket üzerinde belirtilmiştir.

Electromagnetic Brakes

This type of brakes has two friction surfaces. Brake torque is generated by springs when no voltage is applied. The brake is electromagnetically released. On exciting the electromagnet means of the current, the armature plate is pulled towards the electromagnet itself, thrust loading the pressure spring and enabling the friction disc which is axially movable on the key, to turn freely. When current fails, the pressured springs drive the armature plate towards the disc, thus braking the motor shaft.

A proximity switch must be used as standard to prevent risks caused by brake wear for motors with 30 kW and above. Generally, for compact motors, brake selection should be based on motor power rather than motor frame size.

Brake Types
a) Brakes without cooling
This type of brakes are assembled on the back cover of the electric motor. There is no fan on the backside. This brake type is mostly preferred in short working times and short working cycles.
b) Fan cooled brakes
This type of brakes are assembled on the back cover of electric motor by removing the electric motor fan. A fan is coupled to the backside of the brake by extending the rotor shaft of the electric motor. Fan cooled brakes are preferred in long working times and closed places without airflow.
c) Brakes with hand release
This brakes can be released by help of an arm. It can be applied to both of the above mentioned brakes and used in special cases (fail of electric current, mechanical problems etc.)These brakes are mostly preferred if operation (releasing) without a current is needed (automatic controlled doors, gates, building wall painting elevators etc.).

Working Voltages
Electromagnetic brakes can be ordered with 230V AC or 400V AC supply voltage. The coil of brakes needs DC voltage and therefore depending on brake type a half wave, a full wave rectifier or transformer should be used between supply and coil voltage. As standard the brakes will be delivered with 230V supply voltage and half wave rectifier, if there is no special request. For special cases please contact YILMAZ Reduktor.
a) Brakes with 230V supply voltage
230V AC supply voltage from the motor terminal box will be reduced to the coil voltage depending on the brake type with half-wave or full-wave rectifier. DC brake coil voltage is indicated on the label.
b) Brakes with 400V supply voltage
400V AC supply voltage from the motor terminal box will be reduced to the coil voltage with half-wave rectifier. DC brake coil voltage indicated on the label.

Elektromagnetische Bremsen

Die Bremse hat zwei Reibflächen und arbeitet nach dem Ruhestromprinzip. Im stromlosen Zustand wird das Bremsmoment durch den Druck der Feder erzeugt, während die Bremse beim Betrieb elektromagnetisch losgelassen wird. Durch die Erregung der Elektromagneten wird die Ankerscheibe zu den Elektromagneten gezogen und die Feder zusammengedrückt. Dadurch kann sich die Bremsscheibe, die axial beweglich auf dem Mitnehmer angeordnet ist, frei drehen. Wird der Strom unterbrochen, drücken die Feder die Ankerscheibe gegen die Bremsscheibe und halten die Motorwelle an.

Für Motoren mit einer Leistung von 30 kW und mehr sollte standardmäßig ein PRX-Sensor verwendet werden, um Risiken durch Bremsenverschleiß zu vermeiden. Allgemein sollte die Bremsenauswahl bei kompakten Motoren auf der Motorleistung und nicht auf der Baugröße des Motors basieren.

Bremsearten:
a)Bremsen ohne Kühlung
Diese Bremsen sind für Kurzlaufzeiten geeignet. Die Lüfterhaube und Lüfter des Motors ist ausgebaut und die Bremse ist an dem Ende der Motorwelle befestigt.

b)Bremsen mit Kühlung
Diese Bremsen sind für lange Laufzeiten und kleine, abgedeckte Räume geeignet. Durch die Verlängerung der Motorwelle wurde Lüfter hinter dem Bremse und dem Motor verbunden. Somit wurde eine konstante Lüftung ermöglicht.

c)Bremsen mit Hebelarm
Diese Bremsenart kann mit oder ohne Kühlung verwendet werden. Diese Bremsen sind bei der speziellen Fälle, wie keine Spannung an der Leitung, mechanische Probleme usw. , anwendbar. Die Bremse wird mit einem Hebelarm manuell betätigt. Diese Bremsen werden am meisten an den Stellen, wo die Lüftung ohne Spannung erfolgen soll, benutzt (automatische Türe, Wandaufzüge).

Betriebsspannungen
Elektromagnetische Bremsen können mit 230V AC oder 400V AC Versorgungsspannung bestellt werden. Die Wicklungen der Bremsen brauchen Gleichspannung und deswegen abhängig von Bremsenart zwischen Versorgungsspannung und Wicklungsspannung soll Halbwellen-, Vollweggleichrichter oder Transformator verwendet werden. Als Standard die Bremsen werden mit 230V Versorgungsspannung und Halbwellengleichrichter geliefert.
a) Bremsen mit 230V Versorgungsspannung
230V AC Versorgungsspannung von Klemmenkasten wird auf die Wicklungsspannung abhängig von der Bremsentyp mit Halbwellen-oder Vollweggleichrichter reduziert. Wicklungsspannung ist auf dem Etikett angegeben.
b) Bremsen mit 400V Versorgungsspannung
400V AC Versorgungsspannung von Klemmenkasten wird auf die Wicklungsspannung mit Halbwellengleichrichter reduziert. Wicklungsspannung ist auf dem Etikett angegeben.

c) 24V DC Frenler
Kullanılan fren momentinin büyüklüğüne göre besleme transformatörü seçilir. Şebekeden veya motorun klemens kutusundan alınan besleme voltajı transformatörde 29 V'a çevrilen gerilim tam dalga doğrultuculardan geçerek 24V DC'ye çevrilir ve fren bobini beslenir.

d) Şok ikazlı trafolar
Büyük güçteki ve momentteki frenlerin manyetik doyuma ulaşmaları uzun zaman alır. Şok ikazlı trafolar frenin yay baskısını yenmede gecikmesini engellemek için kullanılır ve zaman rölesi yardımı ile çok kısa bir süre normal besleme voltajının iki katı ile (48V DC) beslenip sistemin ani açılmasını sağlar. Bu sayede gecikmeli açılmada ortaya çıkacak sürtünmeyi engellemeye yarayan bir trafo şeklidir.

Fren Bağlantı Şekli
a) Gecikmeli frenleme
Genellikle sistemin yavaş ve kaydırılarak durması gereken yerlerde tercih edilen bağlantı şeklidir. Vinç yürütme motorlarındaki sarsıntıyı önlemek için gecikmeli bağlantı şekli kullanılır. Frenler fabrika çıkışında gecikmeli bağlantıya uygun ayarlanır.

b) Ani frenleme
Genellikle sistemin enerjisi kesildiği anda ani olarak durdurulması gereken sistemlerde kullanılan bağlantı şeklidir. Vinç kaldırma sistemleri, asansör motorlarında kullanılan bağlantı şeklidir.

c) 24V DC Brakes
The transformator's size is selected according to value of brake torque. The current is taken from the electric motor terminal box or from the electric panel and is transformed to 29V DC current. This current is transferred to 24V DC current with full-wave rectifier and supplies brake coil.

d) Shock voltage supply transformer
Brakes which consist of high power and torques take long time to get in electromagnetic field. Shock voltage supply transformers with time relay are aiming to overcome spring pressure delaying for brakes .Also this transformers provide to open system suddenly by feeding double(48V DC) voltage in a short time and preventing to frictional loses occurring in delayed opening.

Connection Types
a) Delayed Braking
Generally this type of connection uses in slow and sliding brake intended systems. Delayed connection type using to prevent shock loadings in crane driving systems. Brakes are setting up to delayed connection if any other types are not specified by customer

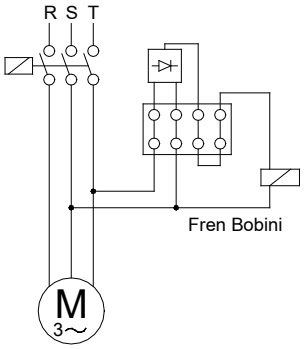
b) Sudden Braking
This type of connections are mostly used in systems when short braking times are needed. The braking torque will be produced as soon as the current fails. These brakes are mostly used in hoisting of lifting units and elevators.

c) 24 V DC Bremsen
Die Spannung wird von den Klemmkasten des Motors oder Elektrikschrank entnommen. Diese Spannung wird zuerst mittels Transformator zu 24 V reduziert. Danach wird diese Spannung mit Hilfe von Gleichrichter zu Gleichstromspannung umgewandelt. Die Größe des Transformators ist abhängig von der Größe des Bremsmoments.
d) Trafos mit Schock-Spannung
Diese Transformatoren werden bei großen Bremsen mit hohen Momenten verwendet. Da die große Bremsen eine lange Zeit braucht, um die erforderliche magnetische Feld zu erzeugen, wird an der Bremse kurz 48V Gleichstromspannung angelegt, um die Zeit zur Bildung von magnetischem Feld zu kürzen. Dies ermöglicht kürzere Reibungszeiten beim Start.

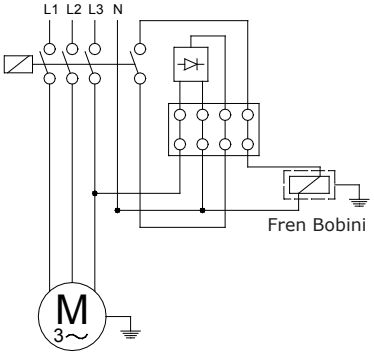
Schaltungsarten:
a)Verspätetes Bremsen
Diese Schaltung wird benutzt, wenn ein langsames und gleitendes Bremsen erforderlich ist. Am meisten wird es bei Fahrgetriebemotoren von Aufzügen verwendet. Wenn keine Angabe bei der Bestellung gegeben wird, werden die Bremsen mit verspäteter Schaltung geliefert.

b)Schnelles Bremsen:
Allgemein verwendet man diese Schaltung bei Bedarf an plötzlichen Bremsen in dem Augenblick, in dem das System keine Energie mehr erhält. Diese Schaltungsart wird meist bei Kräne und Motoren von Aufzüge verwendet.

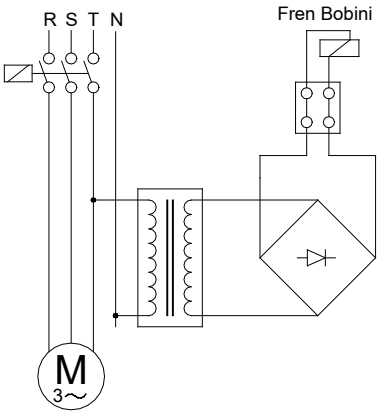
Gecikmeli Frenleme / *Delayed Running Brake* / Verspätete Bremsung
(230 V)



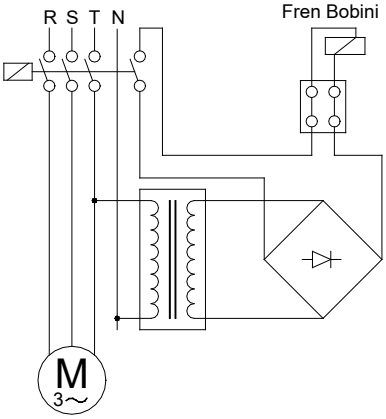
Ani Frenleme / *Sudden Brake* / Plötzliche Bremsung
(230 V)

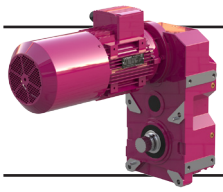


Gecikmeli Frenleme / *Delayed Running Brake* / Verspätete Bremsung
(24 V)



Ani Frenleme / *Sudden Brake* / Plötzliche Bremsung
(24 V)





Fren Seçimi:

Doğru bir fren seçimi için aşağıdaki parametreler bilinmelidir.

- **I_{tot} [kg.m]** : Motor miline indirgenmiş toplam atalet momenti
- **n_0 [d/dak]** :Maksimum motor devir sayısı
- **t_f [s]** :İstenilen en uzun frenlemezamanı
- **c_t** :Anahtarın devreye girme zamanı katsayısı (ortalama 0,995).
- **M_L [Nm]** : Sistemin statik tork ihtiyacı.
- **C_S** : Emniyet katsayısı (C_S≥2 olmalı)

Gerekli fren momenti aşağıdaki şekilde hesaplanır:

a)M_L Statik yük torku, motor dönüş yönünde (motorun dönüşüne yardımcı olarak, yükün indirilmesi veya hızlandırıcı sabit yük momenti hali):

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) M_L Statik yük torku, motor aksi dönüş yönünde (motorun dönüşüne engel olarak, yükün yukarı kaldırılması veya frenleyici sabit yük/direnç momenti hali):

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

Yukarıda bulunan sonuç C_S katsayısı ile çarpılarak ($C_S \geq 2$), fren momenti seçilir;

$$M_f = M_{fc} \times C_s$$

Yaklaşım Yolu ile Fren Seçimi:
Eğer yalnızca motorun gücü ve en yüksek devri biliniyor ise :

W [Watt]: Motorun nominal gücü

$$M_f = \frac{W}{(\frac{2\pi \times n_0}{60})} \times C_s \quad (C_s \geq 2)$$

Brake Selection:

To select a brake correctly the following data are necessary;

- ***I_{tot} [kg . m]*** *: The total inertia of rotating parts reduced at the motor shaft*
- ***n_0 [rpm]*** *: Maximum motor speed.*
- ***t_f [s]*** *: The maximum admitted time of the braking.*
- ***c_t*** *: Coefficient of switch on time (average 0,995).*
- ***M_L [Nm]*** *: Required static torque of system.*
- ***C_S*** *: Safety coefficient ($C_S \geq 2$)*

The necessary braking torque calculates below;

a) *The static load torque M_L ,same direction of motor rotation(Descent of a load or steady resisting torque which favours the rotation of the motor)*

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b)*The static load torque M_L ,opposes the rotation of the motor (Lifting of a load or steady resisting torque which opposes the rotation of the motor)*

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

The necessary braking torque will result from the following equation using C_S ($C_S \geq 2$);

$$M_f = M_{fc} \times C_s$$

Approximated Brake Selection
Its only the motor power and its maximum speed are known:

W [Watt]: Motor Nominal Power

$$M_f = \frac{W}{(\frac{2\pi \times n_0}{60})} \times C_s \quad (C_s \geq 2)$$

Bremswahl:

Um die richtige Bremse auszuwählen, braucht man unten aufgelistete Variablen;

- **I_{tot} [kg . m]** :Die Gesamtträgheit der rotierenden Teile(siehe Anwendungsbeispiele)
- **n_0 [U/min]** : Die höchste Drehzahl desMotors
- **t_f [s]** :Die längste zulässige Bremszeit
- **c_t** : Reduktionskoeffizient der Tätigkeitszeit (gemittelt 0,995).
- **M_L [Nm]** : Vom system benötigtes, statisches drehmoment.
- **C_S** : Sicherheitskoeffizient ($C_S \geq 2$)

Die benötigte Bremskraft wird wie folgt berechnet:

a) konstantes Belastungsmoment M_L, das die Motordrehung fördert (konstante Erhöhung der Motorgeschwindigkeit oder Herunterlassen der Last)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} + M_L$$

b) konstantes Belastungsmoment M_L, das sich entgegen der Motordrehung widersetzt (konstante Verminderung der Motorgeschwindigkeit oder Aufheben der Last)

$$M_{fc} = \frac{(2\pi \times n_0 \div 60) \times I_{tot}}{t_f \times c_t} - M_L$$

Wenn die Bremskraft mit dem Sicherheitskoeffizient C_S ($C_S \geq 2$) multipliziert wird, erhält man die erforderliche Bremskraft;

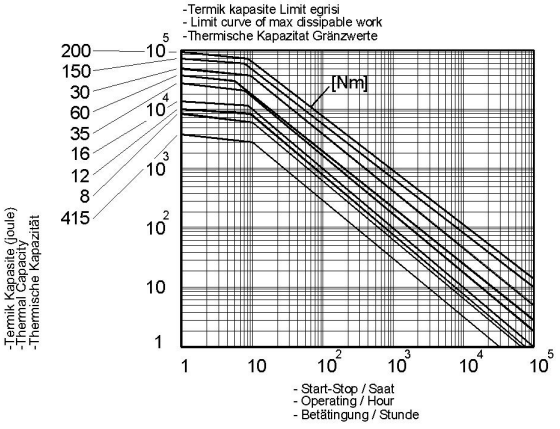
$$M_f = M_{fc} \times C_s$$

Abschätzung zur Bremswahl
Wenn man nur die Motorleistung und die höchste Drehzahl kennt, kann die Bremskraft mit der folgenden Formel annähernd berechnet werden:
W [Watt] : Nennleistung des Motors

$$M_f = \frac{W}{(\frac{2\pi \times n_0}{60})} \times C_s \quad (C_s \geq 2)$$

Standart Frenler / *Standard Brakes* / Standart Bremsen

Fren statik momenti [Nm] *Brake Static Torque [Nm]* Statische Bremskraft [Nm]	4,5	8	12	16	35	60	80	150	200
Fren Dinamik Momenti [Nm] *Brake Dynamic Torque [Nm]* Dynamische Bremskraft [Nm]	3,6	6,4	9,6	12,8	28	48	64	120	160
Maksimum Motor Hızı [d/dak] *Maximum Motor Speed [rpm]* Maximale Motordrehzahl [U/min]	3000	3000	3000	3000	3000	3000	3000	1500	1500
Giriş Gücü [W] *Input Power [W]* Antriebsleistung [W]	15	20	25	30	45	50	55	60	65



Frenin Termik Kapasitesi

Yukarıdaki seçime ek olarak frenin termik kapasitesinin kontrol edilmesi gerekir. L (joule) olarak gerekli soğutma işi aşağıdaki formüller ile hesaplanır ve ''Termik kapasite limit eğrisi'' kullanılarak eğrinin altında kalıp kalmadığı kontrol edilir.

a) M Statik yük torku motor dönüş yönünde (motorun dönüşüne yardımcı olarak, yükün indirilmesi hali)

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L}\right)$$

b) M Statik yük torku motor aksi dönüş yönünde (motorun dönüşüne engel olarak, yükün kaldırılması hali):

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) M Statik yük torku sabit, motor yönünde veya aksi yönde (kaldırma ve indirme harici hızlandırıcı veya frenleyici sabit bir yük momenti hali).

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2}$$

Fren Hava Boşluğunun Ayarı:

Frenden sürekli aynı performansın alınabilmesi için, fren balatasının aşınmasına bağlı olarak, fren hava boşluğu belirli zaman aralıklarında yeniden ayarlanmalıdır. Fren hava boşluğu ayar zaman aralığı ve ayarın yapılması için firmamıza danışınız.

Fren Seçim Örneği:
İstenilen en uzun frenleme zamanı: 0,5 sn.
Motor devri: 1400 d/dak
Motora indirgenmiş toplam atalet momenti: 0,08 kgm

Gerekli çalışma momenti: 50 Nm
Yük Durumu: Yük motor dönüş yönü ile aynı (Vinçten yük indirmesi: Saatte dur-kalk sayısı:30

$$M_{fc} = \frac{(2\,\pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6\ \text{Nm}$$

$$M_f = 73,6 \times 2 = 147,2\ \text{Nm}$$

Standart frenler tablosundan 150 Nm lik fren seçilebilir.
Gerekli termik kapasite;

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50}\right)$$

=1302,0<18000 Joule (150 Nm eğrisinden)
150 Nm lik fren uygun görülüyor.

The Thermal Capacity of Brake

The thermal capacity of the brake must also be checked after the above mentioned calculations heat dissipation energy L (joule) can be calculated from the following equation and must be checked if the result is under the limit curve shown on ''Limit curve of may dissipated work''.

a) The static load torgue M ,favours the rotation of the motor (Descent of a load which favours the rotation of the motor)

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L}\right)$$

b) The static load torgue M ,opposes the rotation of the motor (Lifting of a load which opposes the rotation of the motor)

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) The static load torgue M ,is constant and opposes or favours the rotation of the motor (except lifting of a load)

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2}$$

Adjustment of the air-gap:

In order to obtain the same performance from the brake during its lifetime,the air-gap of the brake must be re-adjusted after a limited time of operation For the air-gap and the time interval of the adjustment please contact us.

Selection Example:
The maximum admitted time for braking 0,5 s
Motor speed: 1400 rpm
Total inertia reduced at motor shaft: 0,08 kgm²

Required operating torque:50 Nm
Nature of load: Load direction is same as motor direction(Unloading process: Start-stop time per hour :30)

$$M_{fc} = \frac{(2\,\pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6\ \text{Nm}$$

$$M_f = 73,6 \times 2 = 147,2\ \text{Nm}$$

From the brake selection table a standard brake of 150 Nm is selected.
Necessary thermal capacity

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50}\right)$$

=1302,0<18000 Joule (from 150 Nm curve)
The selected brake with 150 Nm is suitable.

Thermische Kapazität der Bremsen

Nach den oben genannten Berechnungen muss die thermische Kapazität überprüft werden. Die Wärme, d.h. die gebrauchte Energie L, werden mit den folgenden Formeln berechnet. Die gerechnete Werte von Kapazitäten sollen unter dem Grenzkurve ''Thermische Kapazität Grenzwerte'' der gewählten Bremse liegen.

a) Konstantes Belastungsmoment M, das die Motordrehung fördert (Herunterlassen der Last)

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2} \times \left(\frac{M_f}{M_f - M_L}\right)$$

b) Konstantes Belastungsmoment M , das sich entgegen der Motordrehung widersetzt (Aufheben der Last)

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2} \times \frac{M_f}{M_f + M_L}$$

c) Konstantes Belastungsmoment M , das sich gegen der Motorbewegung widersetzt oder die Motorrotation fördert (Konstante Verminderung oder Erhöhung der Motorgeschwindigkeit, kein Herunterlassen oder Aufheben der Last)

$$L = \frac{I_{tot} \times (2\,\pi \times n_0 \div 60)^2}{2}$$

Einstellung des Luftspaltes:

Um eine immer konstant bleibende Bremsfähigkeit zu erhalten, muss das Luftspalt nach einer bestimmten Arbeitszeit neu eingestellt werden. Für die Bestimmung des Luftspaltes und die Einstellzeiten bitten wir Sie um Rückfrage.

Beispiel für eine Auswahl:
Die höchste zulässige Bremszeit: 0,5 s
Motordrehzahl: 1400 U/min
Gesamtträgheit der rotierenden Teile: 0,08 kgm²
Das auf das System wirkende Drehmoment: 50 Nm
Belastungsart: Drehmoment, das die Motor-rotation fördert (Herunterlassen der Last)
Betätigungen pro Stunde:30

$$M_{fc} = \frac{(2\,\pi \times 1400 \div 60)}{0,5 \times 0,995} + 50 = 73,6\ \text{Nm}$$

$$M_f = 73,6 \times 2 = 147,2\ \text{Nm}$$

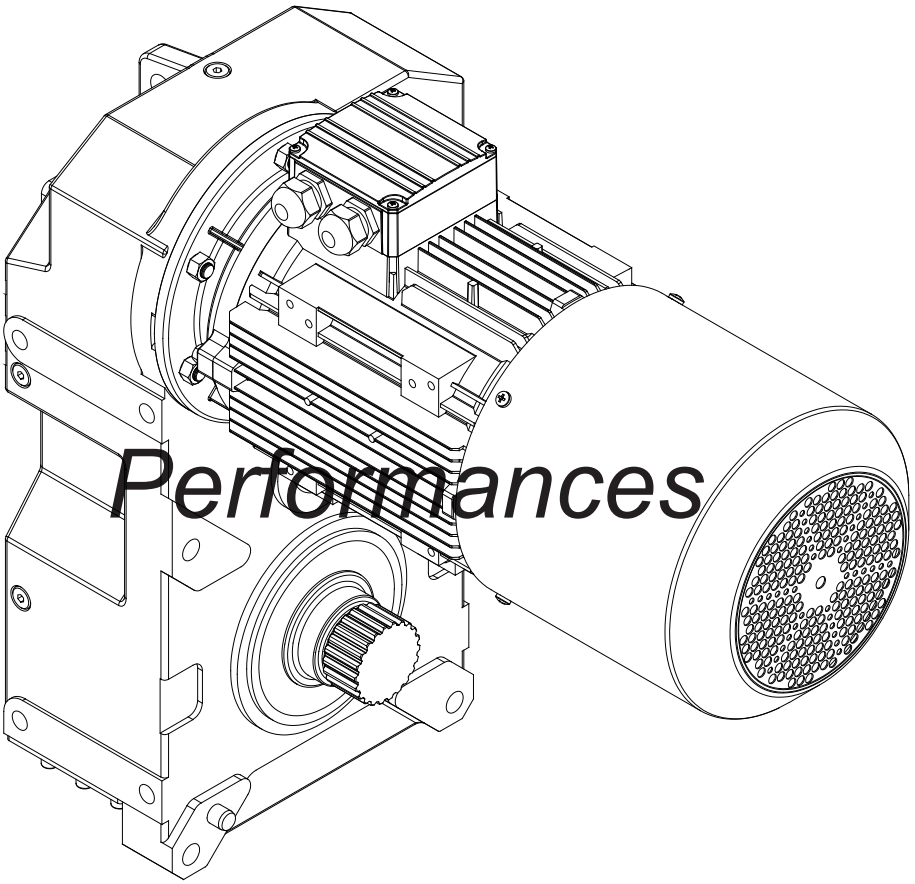
Eine Bremse von 150 Nm kann man auswählen.

Die thermische Kapazität;

$$L = \frac{0,08 \times (2\pi \times 1400 \div 60)^2}{2} \times \left(\frac{147,2}{147,2 - 50}\right)$$

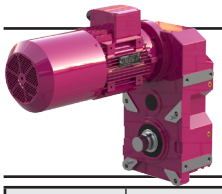
=1302,0<18000 Joule (von 150 Nm Kurve) Die ausgewählte 150 Nm Bremse ist ausreichend.

Güç ve Devir Tabloları



Performances

Leistungs- und Drehzahlübersicht

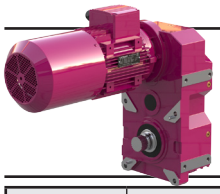


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	3,3	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	3,7	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	4,0	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23807	38	
	4,7	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	5,5	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21474	38	
	6,2	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20726	40	
	7,5	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	9,0	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	10,8	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	12,5	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16609	49	
	15,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	17,9	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	3,6	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	4,1	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	24222	38	
	4,4	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	5,2	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	6,0	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21474	40	
	6,9	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	8,3	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	19386	45	
	9,9	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	11,9	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	17257	49	
	13,8	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	16,5	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	15530	55	
	19,7	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø120	3,9	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	25116	38	330
	4,5	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	4,8	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	5,7	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	6,5	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	7,5	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	9,0	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	10,8	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	12,9	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	15,0	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	18,0	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	21,5	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø130	4,2	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	24496	38	330
	4,9	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	5,2	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	6,2	**M8 (5m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	22283	40	
	7,1	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	8,1	**M7 (4m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	25324	45	
	9,8	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	11,8	**M7 (4m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	22478	45	
	14,0	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	16,3	**M8 (5m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	16237	55	
	19,5	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	23,3	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø140	4,6	**M7 (4m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	30525	38	330
	5,2	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	29467	38	
	5,6	**M7 (4m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	28975	38	
	6,6	**M7 (4m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	27195	40	
	7,6	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	8,7	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	10,6	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	12,7	**M6 (3m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	27865	49	
	15,1	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	17,5	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	20266	55	
	21,0	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	25,1	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	18017	59	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



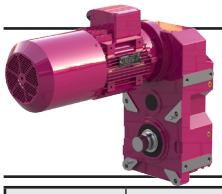
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø140	5,2	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-2E80M/4B**	22710	61	331
	6,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	62	
	6,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	8,0	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	9,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	11,0	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	66	
	12,2	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	68	
	15,4	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	68	
	18,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	73	
	19,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	23,1	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	73	
	27,0	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø150	4,9	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	37839	38	330
	5,6	**M6 (3m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	36490	38	
	6,0	**M6 (3m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	35864	40	
	7,1	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	8,2	**M5 (2m)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	40377	45	
	9,4	**M5 (2m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	11,3	**M5 (2m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	36385	45	
	13,6	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	5,6	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-2E80M/4B**	22710	61	331
	6,4	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	62	
	7,2	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	8,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	66	
	10,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	11,8	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	66	
	13,1	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	68	
	16,5	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	73	
	19,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	21,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	24,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	76	
	29,0	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø160	5,2	**M5 (2m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	37839	38	330
	6,0	**M5 (2m)**	0,75	12	550	**120,49**	**VR273.1K-3E80M/4D**	36490	40	
	6,4	**M5 (2m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	35864	40	
	7,6	**M4 (1Am)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	8,7	**M4 (1Am)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	40377	45	
	10,0	**M4 (1Am)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	12,1	**M4 (1Am)**	1,5	24	554	**60,39**	**VR273.1K-3E90L/4D**	36385	49	
	14,5	**M4 (1Am)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	5,9	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22710	62	331
	6,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	7,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	9,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	10,8	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	12,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	68	
	13,9	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	17,6	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	73	
	20,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	22,7	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	26,5	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	76	
	30,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø170	6,3	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22710	62	331
	7,3	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	8,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	66	
	9,8	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	11,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



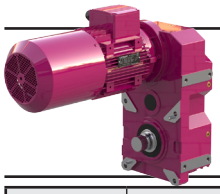
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	13,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	331
	14,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	18,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	21,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	24,1	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	76	
	28,1	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	32,8	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	13202	80	
Ø180	6,7	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	62	331
	7,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	8,7	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	66	
	10,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	12,2	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	68	
	14,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	15,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	19,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	23,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	25,5	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	76	
	29,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	34,7	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	80	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

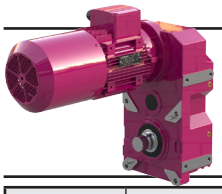


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,5	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-2E63M/4C**	26276	29	330
	1,7	**M8 (5m)**	0,18	12	141	**120,49**	**VR273.1K-2E63M/4C**	25285	29	
	1,9	**M8 (5m)**	0,18	13	133	**113,02**	**VR273.1K-2E63M/4C**	24828	29	
	2,3	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-2E71M/4B**	23070	33	
	2,7	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	22167	35	
	3,1	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-2E71M/4C**	21117	35	
	3,7	**M8 (5m)**	0,37	24	138	**60,39**	**VR273.1K-2E71M/4C**	20024	35	
	4,5	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-2E80M/4B**	18738	38	
	5,4	**M8 (5m)**	0,55	34	143	**42,22**	**VR273.1K-2E80M/4B**	17847	38	
	6,3	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	17120	40	
	7,5	**M8 (5m)**	0,75	48	141	**30,34**	**VR273.1K-3E80M/4D**	16113	40	
	8,9	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø110	1,7	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-2E63M/4C**	26276	29	330
	1,9	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-2E71M/4B**	25285	33	
	2,0	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-2E71M/4B**	24615	33	
	2,6	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-2E71M/4B**	23070	33	
	3,0	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	3,4	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-2E71M/4C**	21117	35	
	4,1	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	20024	38	
	5,0	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-2E80M/4B**	18738	38	
	5,9	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17847	40	
	6,9	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	8,3	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	16113	45	
	9,8	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø120	1,8	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-2E63M/4C**	26276	29	330
	2,1	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-2E71M/4B**	25058	33	
	2,2	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-2E71M/4B**	24615	33	
	2,8	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	3,2	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	3,7	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-2E71M/4C**	21117	35	
	4,5	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	5,4	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-2E80M/4B**	18738	38	
	6,5	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	7,5	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	9,0	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	10,7	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø130	2,0	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26276	33	330
	2,3	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-2E71M/4B**	25058	33	
	2,4	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-2E71M/4B**	24615	33	
	3,0	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	3,5	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	4,0	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	21117	38	
	4,8	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	5,9	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18738	40	
	7,0	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	8,1	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16935	45	
	9,8	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	11,6	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø140	2,1	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	2,4	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-2E71M/4B**	25058	33	
	2,6	**M8 (5m)**	0,25	13	184	**113,02**	**VR273.1K-2E71M/4B**	24615	33	
	3,3	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	3,8	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	4,3	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	5,2	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	6,3	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18738	40	
	7,5	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	8,8	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	10,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	12,5	**M8 (5M)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	15188	49	

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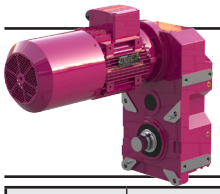


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø150	2,3	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	2,6	**M8 (5m)**	0,25	12	196	**120,49**	**VR273.1K-2E71M/4B**	25058	33	
	2,8	**M8 (5m)**	0,37	13	273	**113,02**	**VR273.1K-2E71M/4C**	24615	35	
	3,5	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	4,0	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21913	38	
	4,6	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	5,6	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	6,8	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	8,1	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17633	45	
	9,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	11,3	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	13,4	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø160	2,4	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	2,8	**M8 (5m)**	0,37	12	290	**120,49**	**VR273.1K-2E71M/4C**	25058	35	
	3,0	**M8 (5m)**	0,37	13	273	**113,02**	**VR273.1K-2E71M/4C**	24249	35	
	3,8	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	4,3	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	4,9	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	6,0	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19747	40	
	7,2	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	8,6	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17633	45	
	10,0	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	12,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15841	49	
	14,3	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø170	2,6	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	3,0	**M8 (5m)**	0,37	12	290	**120,49**	**VR273.1K-2E71M/4C**	24670	35	
	3,2	**M8 (5m)**	0,37	13	273	**113,02**	**VR273.1K-2E71M/4C**	24249	35	
	4,0	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22779	38	
	4,6	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	5,2	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	6,3	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	7,7	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
Ø180	2,7	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	3,1	**M8 (5m)**	0,37	12	290	**120,49**	**VR273.1K-2E71M/4C**	24670	35	
	3,4	**M8 (5m)**	0,37	13	273	**113,02**	**VR273.1K-2E71M/4C**	24249	35	
	4,2	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22779	38	
	4,9	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	5,6	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	6,7	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	8,1	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	

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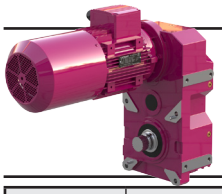


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø110	4,1	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22649	62	331
	4,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	5,3	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	6,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	7,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	66	
	8,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	68	
	9,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	12,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	73	
	14,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	15,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	18,2	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	21,2	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø120	4,5	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	331
	5,1	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	5,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	66	
	6,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	8,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	68	
	9,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	10,4	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	68	
	13,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	15,4	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	17,0	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	76	
	19,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	23,2	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	80	
Ø130	4,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	331
	5,5	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	66	
	6,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	7,5	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	66	
	8,8	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	68	
	10,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	68	
	11,3	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	73	
	14,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	16,7	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	76	
	18,4	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	21,5	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	25,1	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	
Ø140	5,2	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	331
	6,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	6,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	8,0	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	68	
	9,5	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	68	
	11,0	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	73	
	12,2	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	73	
	15,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	18,0	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	19,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	23,1	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	80	
	27,0	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	
Ø150	5,6	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	66	331
	6,4	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	7,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	8,6	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	68	
	10,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	68	
	11,8	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	73	
	13,1	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	16,5	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	76	
	19,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	21,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	24,8	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	81	
	29,0	**M6 (3m)**	5,5	61	811	**23,58**	**VR373.1K-3E132S/4C**	20128	92	

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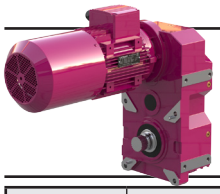
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	6,0	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	66	331
	6,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	7,7	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	66	
	9,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	68	
	10,8	**M8 (5m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	18038	73	
	12,6	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	13,9	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	17,6	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	76	
	20,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	22,7	**M7 (4m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	17776	81	
	26,5	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	81	
	30,9	**M6 (3m)**	5,5	61	811	**23,58**	**VR373.1K-3E132S/4C**	20128	92	
Ø170	6,4	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	66	331
	7,3	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	8,2	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	68	
	9,8	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	68	
	11,5	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	73	
	13,4	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	14,8	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	18,7	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	76	
	21,8	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22766	81	
	24,1	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	22235	81	
	28,1	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	81	
	32,8	**M6 (3m)**	5,5	61	811	**23,58**	**VR373.1K-3E132S/4C**	19397	92	
Ø180	6,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	66	331
	7,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	66	
	8,7	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	68	
	10,3	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	68	
	12,2	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	73	
	14,2	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	15,7	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	19,8	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	76	
	23,1	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22766	81	
	25,5	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	81	

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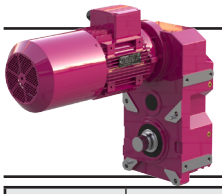


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,6	**M8 (5m)**	0,25	10	209	**137,94**	**VR273.1K-2E71M/4B**	25530	33	330
	1,9	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24585	35	
	2,0	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	24148	35	
	2,3	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	2,7	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21913	38	
	3,1	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20726	38	
	3,8	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-2E80M/4B**	19691	38	
	4,5	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	5,4	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17633	45	
	6,3	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	7,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	8,9	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø110	1,8	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25530	35	330
	2,1	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	2,2	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	2,6	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	3,0	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	3,4	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20726	38	
	4,1	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19691	40	
	5,0	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	5,9	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	6,9	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	8,3	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15841	49	
	9,8	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø120	2,0	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	2,2	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	2,4	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	2,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	3,3	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	3,7	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20726	38	
	4,5	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	5,4	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18483	45	
	6,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	7,5	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	9,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	10,7	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14856	55	
Ø130	2,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	2,4	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	2,6	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23807	38	
	3,0	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	3,5	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	4,1	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20726	40	
	4,9	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	5,9	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	7,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	8,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16609	49	
	9,8	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	11,6	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14856	55	
Ø140	2,3	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	2,6	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	24222	38	
	2,8	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	3,3	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	3,8	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	4,4	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	5,3	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	6,3	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	7,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	8,8	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	10,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	12,5	**M8 (5m)**	2,2	57	348	**137,94**	**VR273.1K-3E100L/4C**	14399	55	

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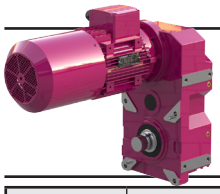


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø150	2,4	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	2,8	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	3,0	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	3,5	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	4,1	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21533	40	
	4,7	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	5,7	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	19386	45	
	6,8	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	8,1	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	17257	49	
	9,4	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
Ø160	2,6	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	25116	38	330
	3,0	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	3,2	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	3,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	4,4	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21110	40	
	5,0	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	6,0	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	7,2	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	8,6	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	10,0	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
Ø170	2,8	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	24496	38	330
	3,2	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	3,4	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	4,0	**M8 (5m)**	0,75	15	441	**96,09**	**VR273.1K-3E80M/4D**	22343	40	
	4,6	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21110	40	
Ø180	2,9	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	24496	38	330
	3,4	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	3,6	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	4,2	**M8 (5m)**	0,75	15	441	**96,09**	**VR273.1K-3E80M/4D**	22343	40	
	4,9	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21110	40	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

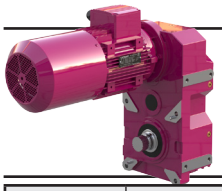


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	5,6	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	101	332
	6,4	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	45238	103	
	7,6	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	103	
	8,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	107	
	9,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	11,0	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	12,5	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	109	
	14,2	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	109	
	16,5	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	117	
	18,8	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	117	
	22,7	**M8 (5m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	48808	128	
	27,4	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	128	
	27,5	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	197	333
Ø180	5,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	103	332
	6,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	8,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	107	
	8,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	107	
	10,1	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	11,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	13,3	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	109	
	15,1	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	109	
	17,4	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	117	
	19,9	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	117	
	24,1	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	50759	128	
	29,0	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	128	
	21,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	198	333
	24,7	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	198	
	29,2	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	198	
Ø190	6,3	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	103	332
	7,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	8,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	107	
	9,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	107	
	10,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	12,3	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	109	
	14,0	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	109	
	15,9	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	109	
	18,4	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	117	
	21,0	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	117	
	25,4	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	50759	128	
	30,6	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	139	
	20,4	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	187	333
	23,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	198	
	26,0	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	198	
	30,8	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	207	
Ø200	6,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	332
	7,5	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	9,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	107	
	9,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	11,2	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	12,9	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	109	
	14,7	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	109	
	16,8	**M8 (5m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	48020	117	
	19,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	22,1	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	128	
	26,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	128	
	32,2	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	139	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

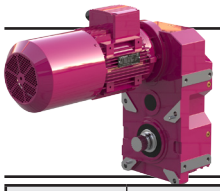


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	17,5	**M8 (5m)**	4,0	27	1295	**51,97**	**VR573.1K-3E112M/4D**	78210	187	333
	21,5	**M8 (5m)**	4,0	33	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	187	
	24,4	**M8 (5m)**	5,5	37	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	198	
	27,4	**M8 (5m)**	5,5	42	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	198	
	32,4	**M8 (5m)**	7,5	49	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	207	
Ø210	6,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	332
	7,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	9,4	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	10,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	11,8	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	109	
	13,5	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	109	
	15,5	**M7 (4m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	109	
	17,6	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	50346	117	
	20,3	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	23,2	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	128	
	28,1	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	128	
	33,8	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	139	
	13,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	77685	180	333
	16,4	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	78483	187	
	18,4	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	78953	187	
	22,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	79948	197	
	25,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	80066	197	
	28,8	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	80109	197	
	34,0	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80199	207	
Ø220	7,2	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	332
	8,2	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	107	
	9,9	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	10,4	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	12,4	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	109	
	14,2	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	109	
	16,2	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	117	
	18,4	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	21,3	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	24,3	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	128	
	29,4	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	128	
	35,5	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	139	
	12,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73543	180	333
	14,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75138	180	
	17,2	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	75648	187	
	19,3	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	76822	187	
	23,7	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	76931	197	
	26,8	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78149	197	
	30,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	77985	207	
	35,6	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	78029	207	
Ø230	7,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	332
	8,6	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	107	
	10,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	10,9	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	12,9	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	109	
	14,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	109	
	16,9	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	117	
	19,3	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	22,3	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	127	
	25,4	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	127	
	30,8	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	139	
	37,1	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	139	

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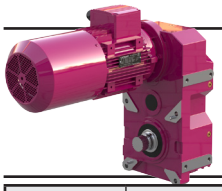


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	11,9	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	180	333
	13,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	15,2	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	17,9	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76851	187	
	20,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	187	
	24,7	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	28,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	31,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	207	
	37,3	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	207	
Ø240	7,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	104	332
	9,0	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	107	
	10,8	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	11,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	
	13,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	109	
	15,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	109	
	17,7	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	117	
	20,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	23,1	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	127	
	26,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	32,1	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	139	
	38,7	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	139	
	12,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	14,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	15,8	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	18,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	21,0	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	25,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	29,2	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	32,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	38,9	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

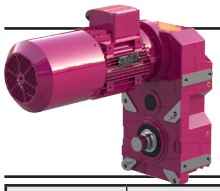


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,6	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	1,9	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	2,0	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23807	38	
	2,4	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	2,7	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21474	38	
	3,1	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20726	40	
	3,8	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	4,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	5,4	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	6,3	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16609	49	
	7,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	8,9	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	1,8	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	2,1	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	24222	38	
	2,2	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	2,6	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	3,0	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21474	40	
	3,4	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	4,1	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	19386	45	
	5,0	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	5,9	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	17257	49	
	6,9	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	8,3	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	15530	55	
	9,8	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø120	2,0	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	25116	38	330
	2,2	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	2,4	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	2,8	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	3,3	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	3,7	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	4,5	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	5,4	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	6,5	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	7,5	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	9,0	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	10,7	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø130	2,1	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	24496	38	330
	2,4	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	2,6	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	3,1	**M8 (5m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	22283	40	
	3,5	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	4,1	**M7 (4m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	25324	45	
	4,9	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	5,9	**M7 (4m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	22478	49	
	7,0	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	8,1	**M8 (5m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	16237	55	
	9,8	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	11,6	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø140	2,3	**M7 (4m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	30525	38	330
	2,6	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	29467	38	
	2,8	**M7 (4m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	28975	38	
	3,3	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	3,8	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	4,4	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	5,3	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	6,3	**M6 (3m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	27865	49	
	7,5	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	8,8	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	10,5	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	12,5	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	18017	59	

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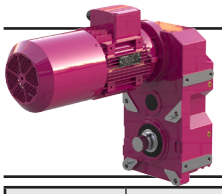


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø140	2,6	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-2E80M/4B**	22710	61	331
	3,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	62	
	3,4	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	4,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	65	
	4,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,5	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	6,1	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	67	
	7,7	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	9,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	72	
	9,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	11,6	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	72	
	13,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	75	
Ø150	2,4	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	37839	38	330
	2,8	**M6 (3m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	36490	38	
	3,0	**M5 (2m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	44525	40	
	3,6	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	4,1	**M5 (2m)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	40377	45	
	4,7	**M5 (2m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	5,7	**M5 (2m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	36385	45	
	6,8	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	8,1	**M4 (1Am)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	40483	49	
	2,8	**M8 (5m)**	0,55	12	413	**121,67**	**VR373.1K-2E80M/4B**	22710	61	331
	3,2	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	62	
	3,6	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	4,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	65	
	5,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,9	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	67	
	6,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	67	
	8,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	72	
	9,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	10,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	12,4	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	75	
	14,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	75	
Ø160	2,6	**M5 (2m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	47034	38	330
	3,0	**M5 (2m)**	0,75	12	550	**120,49**	**VR273.1K-3E80M/4D**	45319	40	
	3,2	**M4 (1Am)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	54621	40	
	3,8	**M4 (1Am)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	52085	40	
	4,4	**M4 (1Am)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	49351	45	
	5,0	**M4 (1Am)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	47602	45	
	3,0	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22710	62	331
	3,4	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	4,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	6,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	67	
	7,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	8,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	72	
	10,3	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	11,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	72	
	13,2	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	75	
	15,4	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	75	
Ø170	3,1	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22710	62	331
	3,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	4,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	65	
	4,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	6,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	

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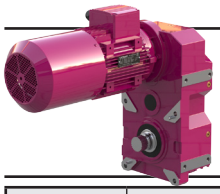


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	7,4	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	331
	9,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	72	
	10,9	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	12,1	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	75	
	14,1	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	75	
	16,4	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	13202	80	
Ø180	3,3	**M8 (5m)**	0,75	12	564	**121,67**	**VR373.1K-3E80M/4D**	22213	62	331
	3,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	4,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	65	
	5,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	6,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	67	
	7,1	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	7,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	9,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	72	
	11,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	72	
	12,8	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	75	
	14,9	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	75	
	17,4	**M7(4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	80	

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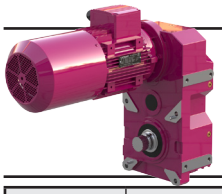


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-2E63M/4C**	26276	29	330
	0,9	**M8 (5m)**	0,18	11	141	**120,49**	**VR273.1K-2E63M/4C**	25285	29	
	0,9	**M8 (5m)**	0,18	12	133	**113,02**	**VR273.1K-2E63M/4C**	24828	29	
	1,2	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-2E71M/4B**	23070	33	
	1,3	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	22167	35	
	1,5	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-2E71M/4C**	21117	35	
	1,9	**M8 (5m)**	0,37	24	138	**60,39**	**VR273.1K-2E71M/4C**	20024	35	
	2,3	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-2E80M/4B**	18738	38	
	2,7	**M8 (5m)**	0,55	34	143	**42,22**	**VR273.1K-2E80M/4B**	17847	38	
	3,1	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	17120	40	
	3,8	**M8 (5m)**	0,75	48	141	**30,34**	**VR273.1K-3E80M/4D**	16113	40	
	4,5	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø110	0,8	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-2E63M/4C**	26276	29	330
	1,0	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-2E71M/4B**	25285	33	
	1,0	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-2E71M/4B**	24615	33	
	1,3	**M8 (5m)**	0,25	15	147	**96,09**	**VR273.1K-2E71M/4B**	23070	33	
	1,5	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	1,7	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-2E71M/4C**	21117	35	
	2,1	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	20024	38	
	2,5	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-2E80M/4B**	18738	38	
	3,0	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17847	40	
	3,4	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	4,1	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	16113	45	
	4,9	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø120	0,9	**M8 (5m)**	0,18	10	161	**137,94**	**VR273.1K-2E63M/4C**	26276	29	330
	1,0	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-2E71M/4B**	25058	33	
	1,1	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-2E71M/4B**	24615	33	
	1,4	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,6	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	1,9	**M8 (5m)**	0,37	20	166	**73,03**	**VR273.1K-2E71M/4C**	21117	35	
	2,2	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	2,7	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-2E80M/4B**	18738	38	
	3,2	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	3,8	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	4,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	5,4	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø130	1,0	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	1,1	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-2E71M/4B**	25058	33	
	1,2	**M8 (5m)**	0,25	12	184	**113,02**	**VR273.1K-2E71M/4B**	24615	33	
	1,5	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,8	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	2,0	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	21117	38	
	2,4	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	2,9	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18738	40	
	3,5	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	4,1	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16935	45	
	4,9	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	5,8	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	15118	49	
Ø140	1,1	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	1,2	**M8 (5m)**	0,25	11	196	**120,49**	**VR273.1K-2E71M/4B**	25058	33	
	1,3	**M8 (5m)**	0,37	12	273	**113,02**	**VR273.1K-2E71M/4C**	24615	35	
	1,6	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,9	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	2,2	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	2,6	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	3,2	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,8	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	4,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	5,3	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	6,3	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	15118	49	

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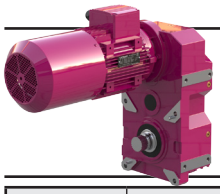


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø150	1,1	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	1,3	**M8 (5m)**	0,37	11	290	**120,49**	**VR273.1K-2E71M/4C**	25058	35	
	1,4	**M8 (5m)**	0,37	12	273	**113,02**	**VR273.1K-2E71M/4C**	24615	35	
	1,8	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	2,0	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21913	38	
	2,3	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	2,8	**M8 (5m)**	0,55	24	205	**60,39**	**VR273.1K-2E80M/4B**	19747	38	
	3,4	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	4,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17633	45	
	4,7	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	5,6	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	6,7	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø160	1,2	**M8 (5m)**	0,25	10	224	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	1,4	**M8 (5m)**	0,37	11	290	**120,49**	**VR273.1K-2E71M/4C**	25058	35	
	1,5	**M8 (5m)**	0,37	12	273	**113,02**	**VR273.1K-2E71M/4C**	24249	35	
	1,9	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	2,2	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	2,5	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	3,0	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19747	40	
	3,6	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	4,3	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	5,0	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	6,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15841	49	
	7,2	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø170	1,3	**M8 (5m)**	0,37	10	331	**137,94**	**VR273.1K-2E71M/4C**	26017	35	330
	1,5	**M8 (5m)**	0,37	11	290	**120,49**	**VR273.1K-2E71M/4C**	24670	35	
	1,6	**M8 (5m)**	0,37	12	273	**113,02**	**VR273.1K-2E71M/4C**	24249	35	
	2,0	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22779	38	
	2,3	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	2,6	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	3,2	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	3,8	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
Ø180	1,4	**M8 (5m)**	0,37	10	331	**137,94**	**VR273.1K-2E71M/4C**	26017	35	330
	1,6	**M8 (5m)**	0,37	11	290	**120,49**	**VR273.1K-2E71M/4C**	24670	35	
	1,7	**M8 (5m)**	0,37	12	273	**113,02**	**VR273.1K-2E71M/4C**	24249	35	
	2,1	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22779	38	
	2,4	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	2,8	**M8 (5m)**	0,55	20	247	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	3,4	**M8 (5m)**	0,75	24	280	**60,39**	**VR273.1K-3E80M/4D**	19438	40	
	4,1	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

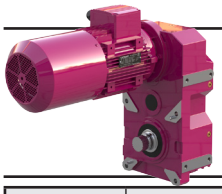


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	5,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	332
	6,4	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	103	
	7,6	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	8,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	9,6	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	110	
	11,0	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	110	
	12,5	**M7 (4m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	110	
	14,3	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	50346	117	
	16,5	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	117	
	18,8	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	128	
	22,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	128	
	27,5	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	138	
	13,3	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	180	333
	15,0	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	18,3	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	187	
	20,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	23,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	197	
	27,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø180	5,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	332
	6,7	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	107	
	8,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	8,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	107	
	10,1	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	110	
	11,6	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	110	
	13,3	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	117	
	15,2	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	17,4	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	128	
	19,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	128	
	24,1	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	138	
	29,1	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	138	
	9,3	**M8 (5m)**	2,2	16	1197	**87,90**	**VR573.1K-3E100L/4C**	72098	177	333
	10,6	**M8 (5m)**	2,2	19	1059	**77,63**	**VR573.1K-3E100L/4C**	74293	177	
	11,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	14,0	**M8 (5m)**	3,0	25	1089	**58,36**	**VR573.1K-3E100L/4D**	76851	180	
	15,9	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	19,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	21,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	24,7	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	197	
	29,3	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø190	6,3	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	103	332
	7,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	107	
	8,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	107	
	9,0	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	107	
	10,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	12,3	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	110	
	14,0	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	117	
	16,0	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	18,4	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	128	
	21,0	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	128	
	25,4	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	138	
	30,7	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	138	
	9,8	**M8 (5m)**	2,2	16	1197	**87,90**	**VR573.1K-3E100L/4C**	72098	177	333
	11,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	12,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	14,8	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	16,8	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	20,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	23,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	26,0	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	197	
	30,9	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

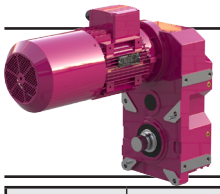


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	6,6	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	107	332
	7,5	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	107	
	9,0	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	107	
	9,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	110	
	11,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	12,9	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	117	
	14,7	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	117	
	16,9	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49389	117	
	19,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	22,1	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	26,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	137	
	32,3	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	137	
	8,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	333
	10,4	**M8 (5m)**	2,2	16	1197	**87,90**	**VR573.1K-3E100L/4C**	72098	177	
	11,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	13,2	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	15,6	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	17,6	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	21,5	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	24,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	27,4	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	32,5	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø210	6,9	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	107	332
	7,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	9,4	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	110	
	10,0	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	110	
	11,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	13,6	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	117	
	15,6	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	117	
	17,8	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51793	127	
	20,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	23,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	127	
	28,2	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	137	
	33,8	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53215	143	
	7,5	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	333
	8,9	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	10,9	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	12,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	13,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	180	
	16,4	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	18,5	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	187	
	22,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	25,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	197	
	28,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	34,1	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø220	7,2	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	332
	8,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	9,9	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	110	
	10,4	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	110	
	12,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	14,3	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	117	
	16,3	**M6 (3m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	117	
	18,6	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51793	127	
	21,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	24,4	**M6 (3m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	51410	137	
	29,5	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	137	
	35,5	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53215	143	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

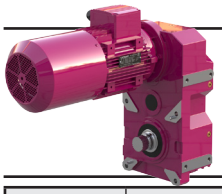


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	6,1	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	333
	7,0	**M8 (5m)**	1,5	10	1322	**143,35**	**VR573.1K-3E90L/4D**	63206	173	
	7,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	9,3	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	11,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	12,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	14,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	180	
	17,2	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	19,4	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	23,7	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	26,8	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	30,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	35,8	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	207	
Ø230	7,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	332
	8,6	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	10,3	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	110	
	10,9	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	110	
	13,0	**M7 (4m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	48736	117	
	14,9	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	117	
	17,0	**M6 (3m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	117	
	19,5	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50357	127	
	22,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	25,5	**M6 (3m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	51410	137	
	30,9	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	137	
	6,4	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	333
	7,3	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	8,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	9,8	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	11,9	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	13,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	15,2	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	17,9	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	20,3	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	24,7	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	28,0	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	31,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	37,4	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	213	
Ø240	7,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	332
	9,0	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	10,8	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	110	
	11,4	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	110	
	13,5	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	117	
	15,5	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	117	
	17,7	**M6 (3m)**	5,5	24	2110	**61,85**	**VR473.1K-3E132S/4C**	51361	127	
	20,2	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50357	127	
	23,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	26,5	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	53672	137	
	32,1	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	137	
	6,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	333
	7,6	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	8,6	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	10,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	12,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	14,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	15,8	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	18,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	187	
	21,2	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	25,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	29,2	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	32,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	207	
	38,9	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	213	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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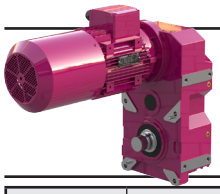


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	1,7	**M8 (5m)**	0,55	10	455	**137,94**	**VR273.1K-2E80M/4B**	25116	38	330
	1,9	**M8 (5m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	23616	38	
	2,0	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23234	38	
	2,4	**M8 (5m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	22283	40	
	2,7	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	3,1	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	3,8	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	4,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	5,4	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	6,3	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	7,5	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	8,9	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø110	1,8	**M7 (4m)**	0,55	10	455	**137,94**	**VR273.1K-2E80M/4B**	30525	38	330
	2,1	**M7 (4m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	29387	38	
	2,2	**M7 (4m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	28896	38	
	2,6	**M7 (4m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	27195	40	
	3,0	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	3,4	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	4,1	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	5,0	**M6 (3m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	27865	49	
	5,9	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	6,9	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	20266	55	
	8,3	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	9,8	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	18017	59	
	2,1	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22649	61	331
	2,3	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	62	
	2,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	3,2	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	62	
	3,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	4,3	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	65	
	4,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	67	
	6,0	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	67	
	7,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	73	
	7,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	9,1	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	73	
	10,6	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø120	2,0	**M6 (3m)**	0,55	10	455	**137,94**	**VR273.1K-2E80M/4B**	37839	38	330
	2,3	**M6 (3m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	36388	38	
	2,4	**M5 (2m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	44397	40	
	2,8	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	3,3	**M5 (2m)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	40377	45	
	3,7	**M5 (2m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	4,5	**M5 (2m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	36385	45	
	5,4	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	6,5	**M4 (1Am)**	2,2	34	572	**42,22**	**VR273.1K-3E100L/4C**	40483	55	
	7,5	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	9,0	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	10,7	**M6 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	21883	59	
	2,2	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22649	61	331
	2,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	62	
	2,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	3,4	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	65	
	4,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	4,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	67	
	5,2	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	67	
	6,6	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	73	
	7,7	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	8,5	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	9,9	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	76	
	11,6	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

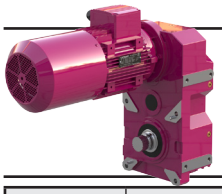


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	2,4	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22649	62	331
	2,8	**M8 (5m)**	0,75	13	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,1	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	62	
	3,7	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	4,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	65	
	5,1	**M8 (5m)**	1,5	24	537	**57,79**	**VR373.1K-3E90L/4D**	17892	67	
	5,7	**M8 (5m)**	1,5	27	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	7,1	**M8 (5m)**	2,2	34	567	**41,42**	**VR373.1K-3E100L/4C**	16088	73	
	8,3	**M8 (5m)**	2,2	39	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	9,2	**M8 (5m)**	2,2	44	441	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	10,7	**M8 (5m)**	3,0	51	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	12,5	**M8 (5m)**	3,0	59	442	**23,58**	**VR373.1K-3E100L/4D**	13202	76	
Ø140	2,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	331
	3,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	62	
	3,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	65	
	4,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	4,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	67	
	5,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	6,1	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	67	
	7,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	9,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	73	
	9,9	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	76	
	11,6	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	76	
	13,5	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	80	
Ø150	2,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	331
	3,2	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	65	
	3,6	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	67	
	5,9	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	6,5	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	73	
	8,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	9,6	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	76	
	10,6	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	76	
	12,4	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	76	
	14,5	**M7 (4m)**	4,0	59	590	**23,58**	**VR373.1K-3E112M/4D**	16552	80	
Ø160	3,0	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	331
	3,4	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	65	
	3,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	65	
	5,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	6,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	67	
	7,0	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	73	
	8,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	10,3	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18757	76	
	11,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	13,2	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	80	
	15,4	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	
Ø170	3,2	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	65	331
	3,6	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	4,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,9	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	67	
	5,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	6,7	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	73	
	7,4	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	73	
	9,3	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	76	
	10,9	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	12,1	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	14,1	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	80	
	16,4	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	80	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

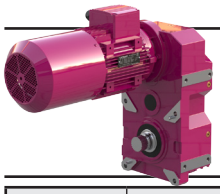


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø180	3,4	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	333
	3,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	4,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	5,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	6,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	7,1	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	7,8	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	9,9	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	11,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	12,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	14,9	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	17,4	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	

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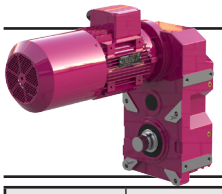


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,25	10	209	**137,94**	**VR273.1K-2E71M/4B**	26276	33	330
	0,9	**M8 (5m)**	0,25	12	183	**120,49**	**VR273.1K-2E71M/4B**	24585	33	
	1,0	**M8 (5m)**	0,25	13	172	**113,02**	**VR273.1K-2E71M/4B**	24148	33	
	1,2	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,3	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	1,6	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	21117	38	
	1,9	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-2E80M/4B**	19691	38	
	2,3	**M8 (5m)**	0,55	29	170	**50,36**	**VR273.1K-2E80M/4B**	18738	38	
	2,7	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	3,1	**M8 (5m)**	0,75	40	169	**36,38**	**VR273.1K-3E80M/4D**	16935	40	
	3,8	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	4,5	**M8 (5m)**	1,1	57	174	**25,44**	**VR273.1K-3E90S/4C**	15118	45	
Ø110	0,9	**M8 (5m)**	0,25	10	209	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	1,0	**M8 (5m)**	0,25	12	183	**120,49**	**VR273.1K-2E71M/4B**	24585	33	
	1,1	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	24148	35	
	1,3	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,5	**M8 (5m)**	0,37	17	190	**83,46**	**VR273.1K-2E71M/4C**	21913	35	
	1,7	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	2,1	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-2E80M/4B**	19691	38	
	2,5	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18738	40	
	3,0	**M8 (5m)**	0,75	34	195	**42,22**	**VR273.1K-3E80M/4D**	17633	40	
	3,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,1	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	4,9	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	15118	49	
Ø120	1,0	**M8 (5m)**	0,25	10	209	**137,94**	**VR273.1K-2E71M/4B**	26017	33	330
	1,1	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24585	35	
	1,2	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	1,4	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,6	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21913	38	
	1,9	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	2,3	**M8 (5m)**	0,55	24	203	**60,39**	**VR273.1K-2E80M/4B**	19691	38	
	2,7	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,2	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17633	45	
	3,8	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,5	**M8 (5m)**	1,1	48	207	**30,34**	**VR273.1K-3E90S/4C**	15841	45	
	5,4	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø130	1,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	26017	35	330
	1,2	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	1,3	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	1,5	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,8	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	2,0	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	2,5	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19691	38	
	2,9	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	3,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,1	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,9	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15841	45	
	5,8	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø140	1,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	26017	35	330
	1,3	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	1,4	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	1,6	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22779	38	
	1,9	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	2,2	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20783	38	
	2,6	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	3,2	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18483	45	
	3,8	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	5,3	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	6,3	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

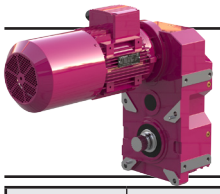


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø150	1,2	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25574	35	330
	1,4	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	1,5	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	1,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	2,0	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	2,3	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20783	40	
	2,8	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	3,4	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18483	45	
	4,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,7	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16609	49	
	5,6	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
Ø160	1,3	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	26017	35	330
	1,5	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	25058	35	
	1,6	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	24249	38	
	1,9	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22779	38	
	2,2	**M8 (5m)**	0,55	17	282	**83,46**	**VR273.1K-2E80M/4B**	21533	38	
	2,5	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20783	40	
	3,0	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19747	40	
	3,6	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18483	45	
	4,3	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	5,0	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16609	49	
	6,0	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15841	49	
Ø170	1,4	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25574	35	330
	1,6	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	24222	38	
	1,7	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	2,0	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	2,3	**M8 (5m)**	0,75	17	384	**83,46**	**VR273.1K-3E80M/4D**	21533	40	
	2,6	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20412	40	
Ø180	1,5	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25574	35	330
	1,7	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	24222	38	
	1,8	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	2,1	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	2,4	**M8 (5m)**	0,75	17	384	**83,46**	**VR273.1K-3E80M/4D**	21533	40	
	2,8	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20412	40	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

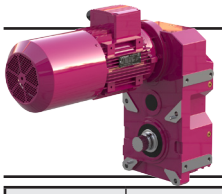


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	5,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	332
	6,4	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	7,6	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	110	
	8,1	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	110	
	9,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	110	
	11,0	**M7 (4m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	49343	117	
	12,6	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	117	
	14,3	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	127	
	16,5	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	18,8	**M6 (3m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	51410	137	
	22,8	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50654	137	
	27,4	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	53215	143	
	4,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	173	333
	5,4	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	177	
	6,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	7,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	177	
	8,8	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	10,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	180	
	11,3	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	75564	187	
	13,4	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	187	
	15,0	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	197	
	18,3	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	197	
	20,8	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78953	207	
	23,4	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79263	207	
	27,5	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	80055	213	
Ø180	5,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	332
	6,7	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	8,1	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	110	
	8,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	110	
	10,1	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	117	
	11,7	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50870	117	
	13,3	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	117	
	15,2	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	127	
	17,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	20,0	**M6 (3m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	51410	137	
	24,2	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	137	
	29,0	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	51463	143	
	5,0	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	177	333
	5,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	6,5	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	7,6	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	180	
	9,3	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	10,6	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	187	
	12,0	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	14,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	197	
	15,9	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	19,4	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	207	
	22,0	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	24,8	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79263	207	
	29,2	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79057	213	
Ø190	6,3	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	107	332
	7,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	107	
	8,5	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	110	
	9,0	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	110	
	10,7	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	117	
	12,3	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50870	117	
	14,1	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51364	127	
	16,0	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	127	
	18,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	127	
	21,1	**M5 (2m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	52214	137	
	25,5	**M5 (2m)**	7,5	43	2334	**34,28**	**VR473.1K-3E132M/4D**	52780	137	
	30,6	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	51463	143	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

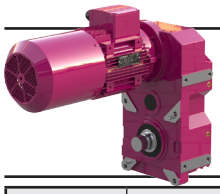


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	5,3	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	177	333
	6,0	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	6,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	8,1	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	180	
	9,8	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	180	
	11,1	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	187	
	12,6	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	14,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	197	
	16,8	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	20,4	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	207	
	23,2	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	26,0	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	213	
	30,8	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79057	213	
Ø200	6,6	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62680	107	332
	7,5	**M4 (1Am)**	3,0	12	2236	**121,49**	**VR473.1K-3E100L/4D**	61509	110	
	9,0	**M4 (1Am)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	59115	110	
	9,5	**M4 (1Am)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	58800	110	
	11,2	**M4 (1Am)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	56972	117	
	5,6	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	177	333
	6,4	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	7,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	177	
	8,5	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	10,4	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	187	
	11,7	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	187	
	13,3	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74870	187	
	15,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	197	
	17,6	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	21,5	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	207	
	24,4	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78195	207	
	27,4	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	213	
	32,5	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	265	
Ø210	5,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	333
	6,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	7,5	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	180	
	8,9	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	10,9	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	187	
	12,3	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	187	
	14,0	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74870	197	
	16,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	197	
	18,5	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	197	
	22,6	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	207	
	25,6	**M8 (5m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78195	213	
	28,8	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	213	
	34,1	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	265	
Ø220	6,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	333
	7,0	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	7,9	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	180	
	9,3	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	11,4	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	187	
	12,9	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	187	
	14,6	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74870	194	
	17,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	19,4	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	23,7	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	26,8	**M8 (5m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78195	210	
	30,1	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	35,8	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	261	

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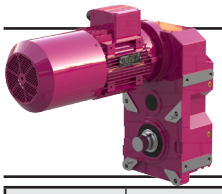


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	6,4	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	333
	7,3	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	177	
	8,3	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	180	
	9,8	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	180	
	12,0	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	187	
	13,6	**M8 (5m)**	5,5	19	2646	**77,63**	**VR573.1K-3E132S/4C**	72888	197	
	15,3	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73828	197	
	18,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	197	
	20,4	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	207	
	24,8	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	207	
	28,0	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78195	213	
	31,6	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	265	
	37,4	**M7 (4m)**	11	52	2627	**28,30**	**VR573.1K-3E160M/4C**	79057	286	
Ø240	6,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	177	333
	7,6	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	180	
	8,6	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	180	
	10,2	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	187	
	12,4	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	187	
	14,1	**M8 (5m)**	5,5	19	2646	**77,63**	**VR573.1K-3E132S/4C**	72888	197	
	15,9	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73828	197	
	18,9	**M8 (5m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	207	
	21,2	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	207	
	25,8	**M7 (4m)**	9,2	34	2905	**42,62**	**VR573.1K-3EC132M/4E**	76984	213	
	29,3	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76869	213	
	33,0	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	265	
	39,0	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79057	286	

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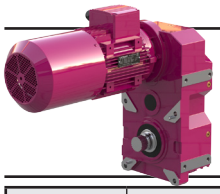


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	2,4	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	62	331
	2,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	3,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	3,7	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	67	
	4,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	5,1	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	73	
	5,7	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	73	
	7,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	73	
	8,3	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	9,2	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	10,8	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	17168	80	
	12,6	**M7 (4m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	16040	80	
	8,6	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	110	332
	10,5	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49731	117	
Ø140	2,6	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	65	331
	3,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	3,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	65	
	4,0	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	67	
	4,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	67	
	5,5	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	73	
	6,1	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	7,7	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	76	
	9,0	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	9,9	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	76	
	11,7	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	16599	80	
	13,6	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	90	
	5,9	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	332
	6,7	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	107	
	7,7	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49635	110	
	9,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	110	
	11,3	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49225	117	
Ø150	2,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	3,2	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	3,6	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	4,3	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	67	
	5,1	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	73	
	5,9	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	6,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	73	
	8,2	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	76	
	9,6	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	76	
	10,6	**M7 (4m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	17776	80	
	12,5	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20857	80	
	14,6	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	90	
	4,8	**M8 (5m)**	1,5	21	655	**70,59**	**VR473.1K-3E90L/4D**	48543	104	332
	5,5	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	6,3	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	
	7,2	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	107	
	8,2	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49635	110	
	10,0	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	110	
	12,1	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49225	117	
Ø160	3,0	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	65	331
	3,4	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	3,9	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	67	
	4,6	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	67	
	5,4	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	73	

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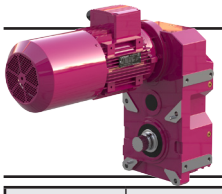


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	6,3	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	71	331
	7,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	71	
	8,8	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	74	
	10,3	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	18171	80	
	11,3	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	17776	80	
	13,3	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20857	80	
	15,6	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	90	
	4,5	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-3E90L/4D**	47006	104	332
	5,2	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	5,9	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	6,7	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	
	7,7	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	49234	110	
	8,8	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	110	
	10,6	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	49419	117	
	12,9	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49225	117	
Ø170	3,2	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	65	331
	3,6	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	65	
	4,1	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	67	
	4,9	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	67	
	5,7	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	73	
	6,7	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	73	
	7,4	**M7 (4m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	20523	76	
	9,3	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	76	
	10,9	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22766	80	
	12,1	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	80	
	14,2	**M6 (3m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	20857	90	
	16,5	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	90	
	3,8	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	46039	103	332
	4,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	47071	103	
	4,8	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-3E90L/4D**	47998	103	
	5,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	6,3	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	7,1	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	107	
	8,2	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	49234	110	
	9,3	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	110	
	11,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	117	
	13,7	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	49225	127	
Ø180	3,4	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	65	331
	3,8	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25966	67	
	4,3	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	67	
	5,2	**M7 (4m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	23507	73	
	6,1	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	73	
	7,1	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	73	
	7,8	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	25686	76	
	9,9	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	76	
	11,5	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	80	
	12,8	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	80	
	4,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	46039	104	332
	4,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	104	
	5,1	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47998	107	
	5,8	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	6,6	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	7,5	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48786	110	
	8,7	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	110	
	9,9	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	110	
	12,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	117	
	14,5	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	49225	127	

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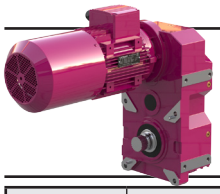


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	3,6	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	65	331
	4,1	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25966	67	
	4,6	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	67	
	5,5	**M7 (4m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	23507	73	
	6,4	**M6 (3m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	27239	73	
	7,5	**M6 (3m)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	26295	76	
	8,3	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	24827	76	
	10,4	**M6 (3m)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	23590	80	
	12,2	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	80	
	3,1	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	102	332
	3,6	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	102	
	4,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	104	
	4,5	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	104	
	5,3	**M8 (5m)**	2,2	17	1100	**81,00**	**VR473.1K-3E100L/4C**	47998	107	
	6,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	7,0	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	107	
	8,0	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48786	110	
	9,1	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	110	
	10,4	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	117	
	12,6	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	117	
	15,3	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48467	127	
Ø200	3,7	**M6 (3m)**	1,5	12	1116	**121,67**	**VR373.1K-3E90L/4D**	33431	67	331
	4,3	**M6 (3m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	31495	67	
	4,8	**M5 (2m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	38350	67	
	5,7	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	73	
	6,8	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	73	
	7,9	**M5 (2m)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	32982	76	
	8,7	**M5 (2m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	31317	76	
	11,0	**M4 (1Am)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	37091	80	
	12,8	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	80	
	3,3	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	102	332
	3,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	45238	104	
	4,5	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	104	
	4,7	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	104	
	5,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	107	
	6,4	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	107	
	7,4	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	110	
	8,4	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	110	
	9,6	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	110	
	11,0	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	117	
	13,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	117	
	16,1	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48467	127	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

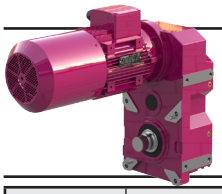


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25530	35	330
	0,9	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	1,0	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	1,2	**M8 (5m)**	0,37	15	217	**96,09**	**VR273.1K-2E71M/4C**	22779	35	
	1,4	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21474	38	
	1,6	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20726	38	
	1,9	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19691	40	
	2,3	**M8 (5m)**	0,75	29	232	**50,36**	**VR273.1K-3E80M/4D**	18483	40	
	2,7	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,1	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	3,8	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15841	49	
	4,5	**M8 (5m)**	1,5	57	237	**25,44**	**VR273.1K-3E90L/4D**	14856	49	
Ø110	0,9	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	1,0	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	1,1	**M8 (5m)**	0,37	13	255	**113,02**	**VR273.1K-2E71M/4C**	23807	35	
	1,3	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	1,5	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21474	38	
	1,7	**M8 (5m)**	0,55	20	245	**73,03**	**VR273.1K-2E80M/4B**	20726	38	
	2,1	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18483	45	
	3,0	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,4	**M8 (5m)**	1,1	40	248	**36,38**	**VR273.1K-3E90S/4C**	16609	45	
	4,1	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	4,9	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14856	55	
Ø120	1,0	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	1,1	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	1,2	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23807	38	
	1,4	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	1,6	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21474	38	
	1,9	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20726	40	
	2,3	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,7	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,2	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,8	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16609	49	
	4,5	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	5,4	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø130	1,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	1,2	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	24222	38	
	1,3	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	1,5	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	1,8	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21474	40	
	2,0	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,5	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	19386	45	
	2,9	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,5	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	4,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	4,9	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	5,8	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø140	1,1	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	1,3	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	1,4	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	1,6	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	1,9	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21474	40	
	2,2	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,6	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	19386	45	
	3,2	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,8	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	17257	49	
	4,4	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	5,3	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	15530	55	
	6,3	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

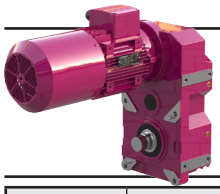


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø150	1,2	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	25116	38	330
	1,4	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	1,5	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	1,8	**M8 (5m)**	0,55	15	323	**96,09**	**VR273.1K-2E80M/4B**	22343	38	
	2,0	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	2,3	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,8	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	3,4	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	4,0	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	4,7	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
Ø160	1,3	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	24496	38	330
	1,5	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	1,6	**M8 (5m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	1,9	**M8 (5m)**	0,75	15	441	**96,09**	**VR273.1K-3E80M/4D**	22343	40	
	2,2	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	2,5	**M7 (4m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	25324	45	
	3,0	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	3,6	**M7 (4m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	22478	49	
	4,3	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
Ø170	1,4	**M7 (4m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	30525	38	330
	1,6	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	29467	38	
	1,7	**M7 (4m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	28975	38	
	2,0	**M7 (4m)**	0,75	15	441	**96,09**	**VR273.1K-3E80M/4D**	27267	40	
	2,3	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
Ø180	1,5	**M7 (4m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	30525	38	330
	1,7	**M7 (4m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	29467	38	
	1,8	**M7 (4m)**	0,55	13	379	**113,02**	**VR273.1K-2E80M/4B**	28975	38	
	2,1	**M7 (4m)**	0,75	15	441	**96,09**	**VR273.1K-3E80M/4D**	27267	40	
	2,5	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

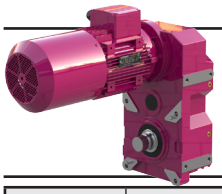


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	6,4	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	55515	180	333
	7,3	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	180	
	8,3	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	65923	187	
	9,8	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	187	
	12,0	**M8 (5m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	69151	197	
	13,6	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	197	
	15,3	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	79709	207	
	18,1	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	207	
	20,4	**M7 (4m)**	7,5	28	3513	**51,97**	**VR573.1K-3E132M/4D**	80785	207	
	24,8	**M7 (4m)**	9,2	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	213	
	28,1	**M6 (3m)**	11	39	2553	**37,64**	**VR573.1K-3E160M/4C**	85573	265	
	31,6	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	86236	286	
	37,4	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	85552	286	
	13,8	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	300	334
	15,9	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	115595	310	
	18,1	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	310	
Ø240	6,7	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	180	333
	7,6	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	180	
	8,7	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	65923	187	
	10,3	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	187	
	12,6	**M8 (5m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	14,2	**M7 (4m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	197	
	16,0	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	79709	210	
	18,9	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	210	
	21,2	**M7 (4m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	80785	216	
	25,9	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	267	
	29,3	**M6 (3m)**	11	39	2553	**37,64**	**VR573.1K-3E160M/4C**	85573	267	
	33,0	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	86236	286	
	39,0	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	85552	286	
	10,8	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	334
	12,5	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	300	
	14,4	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	300	
	16,6	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	115595	310	
	18,9	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	310	
Ø250	7,0	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	180	333
	7,9	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	180	
	9,0	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	64656	187	
	10,7	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	187	
	13,1	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	14,8	**M7 (4m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	197	
	16,7	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	210	
	19,7	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	210	
	22,1	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	86002	216	
	27,0	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	267	
	30,6	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	286	
	34,4	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	286	
	40,6	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	89706	286	
	11,2	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	297	334
	13,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	297	
	15,0	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	310	
	17,3	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	310	
	19,6	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	310	
Ø260	7,2	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	180	333
	8,3	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	61061	187	
	9,4	**M8 (5m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	64656	187	

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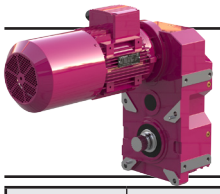
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	11,2	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	197	333
	13,6	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	15,4	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	207	
	17,3	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	207	
	20,4	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	213	
	22,9	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	213	
	28,1	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	267	
	31,8	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	286	
	35,8	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	286	
	42,6	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	9,9	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108469	290	334
	11,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	
	13,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	300	
	15,6	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	310	
	18,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	310	
	20,4	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	316	
Ø270	7,5	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	180	333
	8,6	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	61061	187	
	9,8	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	187	
	11,6	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	197	
	14,1	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	16,0	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	210	
	18,0	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	210	
	21,2	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	216	
	23,8	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	216	
	29,1	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	267	
	33,0	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	286	
	37,1	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	286	
	44,2	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	9,1	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	290	334
	10,3	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108469	290	
	12,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	
	14,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	300	
	16,3	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	310	
	18,7	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	310	
	21,1	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	316	
Ø280	7,8	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	180	333
	9,0	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	72265	187	
	10,1	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	187	
	12,0	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	197	
	14,7	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	197	
	16,6	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	210	
	18,7	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	210	
	22,0	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	216	
	24,8	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	216	
	30,2	**M6 (3m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	84838	286	
	34,2	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	286	
	38,5	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	286	
	45,8	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	7,9	**M8 (5m)**	3,0	9,0	2987	**161,66**	**VR673.1K-3E100L/4D**	102235	275	334
	9,5	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	290	
	10,7	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108469	290	
	12,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	
	14,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	300	
	16,9	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	310	
	19,3	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	310	
	21,9	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	316	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

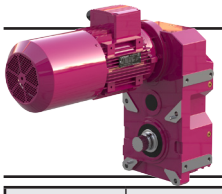


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	8,1	**M8 (5m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	187	333
	9,3	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	187	
	10,5	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	187	
	12,4	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	197	
	15,2	**M7 (4m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	76399	210	
	17,2	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	210	
	19,3	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	210	
	22,8	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	216	
	25,7	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	267	
	31,3	**M6 (3m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	286	
	35,4	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	286	
	39,9	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	286	
	47,5	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	6,2	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	7,0	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	8,2	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	290	
	9,8	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	290	
	11,1	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108469	300	
	13,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	
	15,1	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	310	
	17,5	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	310	
	20,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	310	
	22,7	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	316	
Ø300	8,4	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	187	333
	9,6	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	187	
	10,9	**M7 (4m)**	5,5	11	4269	**126,81**	**VR573.1K-3E132S/4C**	74221	197	
	12,9	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	197	
	15,7	**M7 (4m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	210	
	17,8	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	210	
	20,0	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	210	
	23,6	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	216	
	26,6	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	267	
	32,4	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	286	
	36,7	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	286	
	41,5	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	49,1	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	6,4	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	7,2	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	8,4	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	290	
	10,2	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	290	
	11,5	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108469	300	
	13,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	300	
	15,7	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	310	
	18,1	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	310	
	20,7	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114515	316	
	23,5	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	316	

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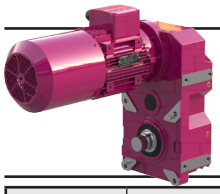


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	2,8	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	3,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	45238	101	
	3,8	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	4,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	105	
	4,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	5,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	6,3	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	107	
	7,1	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	8,2	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	114	
	9,4	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	11,4	**M8 (5m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	48808	124	
	13,7	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	11,6	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	80454	194	333
	13,8	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø180	3,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	101	332
	3,4	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	105	
	4,3	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	105	
	5,1	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	5,8	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	6,6	**M8 (5m)**	3,0	23	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	7,5	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	8,7	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	114	
	9,9	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	12,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	14,5	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	11,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	194	333
	12,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	14,6	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø190	3,1	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	101	332
	3,6	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	105	
	4,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	6,1	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	7,0	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	8,0	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	9,2	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	47728	114	
	10,5	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	12,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	15,3	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	124	
	10,2	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	333
	11,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	194	
	13,0	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	15,4	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	204	
Ø200	3,3	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	3,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,7	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	6,4	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	7,4	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	8,4	**M8 (5m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	48020	114	
	9,7	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	11,0	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	13,4	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	16,1	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	134	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

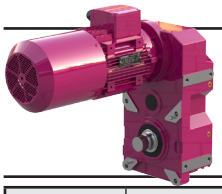


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	8,8	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	78210	184	333
	10,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	12,2	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	13,7	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	16,2	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	204	
Ø210	3,5	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	3,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	4,7	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	5,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,9	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	107	
	6,8	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	7,7	**M7 (4m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	8,8	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	50346	114	
	10,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	11,6	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	14,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	16,9	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	6,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	333
	8,2	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76851	184	
	9,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	11,3	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	12,8	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	14,4	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	17,0	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø220	3,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	4,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	4,9	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	5,2	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	6,2	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	107	
	7,1	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	8,1	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	9,2	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	10,6	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	12,2	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	14,7	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	17,7	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	7,3	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	73543	177	333
	8,6	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	75138	184	
	9,6	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	75648	184	
	11,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	76822	194	
	13,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	76931	194	
	15,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	78149	204	
	17,8	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	77985	204	
Ø230	3,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	4,3	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	5,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	5,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	6,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	107	
	7,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	8,5	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	9,6	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	11,1	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	12,7	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	15,4	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	18,5	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	

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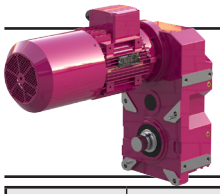


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	6,0	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	6,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	9,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	10,1	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	12,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	14,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	15,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	18,6	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø240	3,9	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	4,5	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	5,4	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	5,7	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	6,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	7,7	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	8,8	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	10,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	11,5	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	13,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	16,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	19,3	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	5,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	6,2	**M8 (5m)**	2,2	16	1197	**87,90**	**VR573.1K-3E100L/4C**	72098	174	
	7,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	9,4	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	10,5	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	12,9	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	14,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	16,4	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	19,4	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

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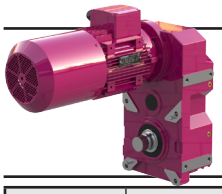


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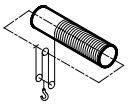
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	0,9	**M8 (5m)**	0,37	12	271	**120,49**	**VR273.1K-2E71M/4C**	24222	35	
	1,0	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23807	38	
	1,2	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	1,4	**M8 (5m)**	0,55	17	279	**83,46**	**VR273.1K-2E80M/4B**	21474	38	
	1,6	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	1,9	**M8 (5m)**	0,75	24	277	**60,39**	**VR273.1K-3E80M/4D**	19386	40	
	2,3	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	2,7	**M8 (5m)**	1,1	34	286	**42,22**	**VR273.1K-3E90S/4C**	17257	45	
	3,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	3,8	**M8 (5m)**	1,5	48	282	**30,34**	**VR273.1K-3E90L/4D**	15530	49	
	4,5	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	0,9	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	1,0	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	1,1	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	1,3	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	1,5	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21474	40	
	1,7	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,1	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	19386	45	
	2,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,0	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	17257	49	
	3,4	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	4,1	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	15530	55	
	4,9	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø120	1,0	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	25116	38	330
	1,1	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	1,2	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	1,4	**M8 (5m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	22283	40	
	1,6	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	1,9	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	2,3	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	2,7	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	3,2	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	17150	49	
	3,8	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	4,5	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	5,4	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø130	1,1	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	24496	38	330
	1,2	**M8 (5m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	1,3	**M7 (4m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	28975	38	
	1,5	**M7 (4m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	27195	40	
	1,8	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	2,0	**M7 (4m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	25324	45	
	2,5	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	2,9	**M7 (4m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	22478	49	
	3,5	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	4,1	**M8 (5m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	16237	55	
	4,9	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	5,8	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	18017	59	
	1,2	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22710	60	331
	1,4	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-2E80M/4B**	21885	60	
	1,6	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	21182	61	
	1,9	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	2,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,6	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	2,8	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	3,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	4,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	70	
	4,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,4	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	6,3	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13592	73	

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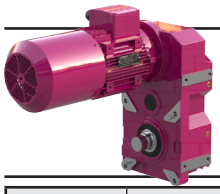
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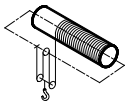
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø140	1,1	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	37839	38	330
	1,3	**M6 (3m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	36490	38	
	1,4	**M6 (3m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	35864	40	
	1,7	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	1,9	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	2,2	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	2,6	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	3,2	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	3,8	**M5 (2m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	32573	49	
	4,4	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	5,3	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	6,3	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	18017	59	
	1,3	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22710	60	331
	1,5	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	61	
	1,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	2,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,8	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	3,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	66	
	3,8	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	4,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,0	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	6,8	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø150	1,2	**M5 (2m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	47034	38	330
	1,4	**M5 (2m)**	0,55	12	403	**120,49**	**VR273.1K-2E80M/4B**	45319	38	
	1,5	**M5 (2m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	44525	40	
	1,8	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	2,0	**M5 (2m)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	40377	45	
	2,3	**M5 (2m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	2,8	**M4 (1Am)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	45192	45	
	3,4	**M4 (1Am)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	42467	49	
	1,4	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22710	60	331
	1,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	2,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	3,0	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	3,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	4,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	6,2	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	7,2	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø160	1,5	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-2E80M/4B**	22710	61	331
	1,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	2,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	3,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	3,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	5,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,7	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	6,6	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	7,7	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



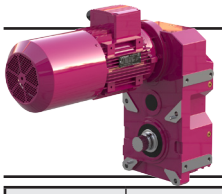
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	1,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22213	61	331
	1,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	2,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	2,4	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,9	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	3,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	4,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	5,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	6,0	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	7,0	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	8,2	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	77	
Ø180	1,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22213	61	331
	1,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	2,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	2,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	3,0	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	3,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,9	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	4,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	5,8	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	73	
	6,4	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	7,4	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	8,7	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

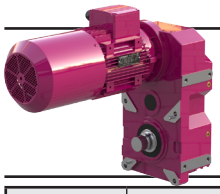


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	8,7	**M7 (4m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	70753	194	333
	9,8	**M7 (4m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	11,6	**M6 (3m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	14,1	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	16,0	**M6 (3m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	17,9	**M6 (3m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	84603	210	
	21,3	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	23,9	**M5 (2m)**	11	28	4791	**51,97**	**VR573.1K-3E160M/4C**	89846	281	
	29,1	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	33,2	**M5 (2m)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	88856	311	
	37,4	**M5 (2m)**	18,5	44	3809	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	44,0	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	93054	320	
	5,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	6,5	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	96820	282	
	7,7	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	9,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	104667	292	
	10,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	12,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	109652	302	
	14,2	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	16,3	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112631	308	
	18,6	**M8 (5m)**	9,2	22	4488	**66,59**	**VR673.1K-3EC132M/4E**	112595	308	
	21,2	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	9,0	**M7 (4m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	83697	194	333
	10,2	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	12,0	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	14,7	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	16,5	**M6 (3m)**	9,2	19	5239	**77,63**	**VR573.1K-3EC132M/4E**	83614	210	
	18,6	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89119	210	
	22,1	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	24,8	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	30,2	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	34,5	**M5 (2m)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	93900	311	
	38,8	**M4 (1Am)**	18,5	44	3809	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	45,7	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	6,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	6,8	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	96820	282	
	7,9	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	9,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	104667	292	
	10,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	12,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	109652	302	
	14,7	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	16,9	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112631	308	
	19,3	**M8 (5m)**	9,2	22	4488	**66,59**	**VR673.1K-3EC132M/4E**	112595	308	
	22,0	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø290	9,3	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	83697	194	333
	10,5	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	12,4	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	15,2	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	17,1	**M5 (2m)**	9,2	19	5239	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	19,3	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89119	210	
	22,9	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	25,7	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	31,3	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	93789	281	
	35,7	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	93900	311	
	40,1	**M4 (1Am)**	18,5	44	4530	**33,46**	**VR573.1K-3E180M/4C**	92854	320	
	47,3	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	92064	320	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

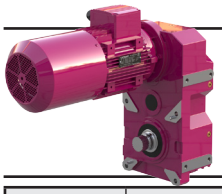


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	6,2	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	7,0	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	96820	282	
	8,2	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	9,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,1	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	13,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	109652	302	
	15,2	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	17,5	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112631	308	
	20,0	**M8 (5m)**	9,2	22	4488	**66,59**	**VR673.1K-3EC132M/4E**	112595	308	
	22,8	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø300	9,6	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	10,9	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	12,9	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	15,7	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	17,7	**M5 (2m)**	9,2	19	5239	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	19,9	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89119	210	
	23,6	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	26,6	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	87774	281	
	32,4	**M4 (1Am)**	15	34	4853	**42,62**	**VR573.1K-3E160L/4E**	93789	311	
	36,9	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	41,4	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	6,5	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	7,3	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	8,5	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	10,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,5	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	13,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	15,7	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	18,1	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	20,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	23,6	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø310	9,9	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	11,2	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	13,3	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	81646	204	
	16,2	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	18,3	**M5 (2m)**	9,2	19	5239	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	20,7	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	24,4	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	27,4	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	33,7	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	38,1	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	42,8	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	6,7	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	7,5	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	8,8	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	10,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	11,9	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	14,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	16,2	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	18,7	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	21,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	24,4	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	370	
Ø320	10,3	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	11,6	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	13,7	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	16,7	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	18,9	**M5 (2m)**	9,2	19	5239	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	21,3	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	25,2	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	28,3	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



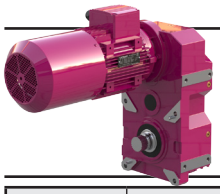
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	6,9	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	7,7	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	9,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	10,9	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	12,3	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	14,4	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	16,7	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	19,3	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	22,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	25,1	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	370	
Ø330	10,6	**M6 (3m)**	5,5	9,8	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	12,0	**M6 (3m)**	7,5	11	5822	**126,81**	**VR573.1K-3E132M/4D**	82997	204	
	14,2	**M5 (2m)**	7,5	13	4933	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	17,2	**M5 (2m)**	9,2	16	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	19,5	**M5 (2m)**	9,2	18	5239	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	22,0	**M5 (2m)**	11	20	4648	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	26,0	**M5 (2m)**	15	24	5372	**58,36**	**VR573.1K-3E160L/4E**	96061	281	
	29,2	**M4 (1Am)**	15	27	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	7,1	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	8,0	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	9,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	11,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	12,7	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	14,9	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	17,2	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	19,9	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	22,8	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	25,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	370	
Ø340	10,9	**M6 (3m)**	5,5	9,8	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	12,3	**M6 (3m)**	7,5	11	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	14,6	**M5 (2m)**	7,5	13	4933	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	17,7	**M5 (2m)**	9,2	16	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	20,1	**M5 (2m)**	11	18	5239	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	22,7	**M5 (2m)**	11	20	4648	**69,00**	**VR573.1K-3E160M/4C**	89119	261	
	26,8	**M4 (1Am)**	15	24	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	30,1	**M4 (1Am)**	15	27	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	7,3	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	8,2	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	9,7	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	11,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	13,0	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	15,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	17,8	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	20,5	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	23,5	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	26,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	370	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

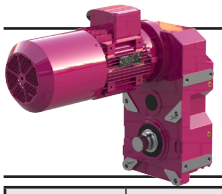


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	2,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	3,2	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	3,8	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	4,8	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	107	
	5,5	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	6,3	**M7 (4m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	7,2	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	50346	114	
	8,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	9,4	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	11,4	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	13,7	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	5,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	333
	6,7	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76851	184	
	7,5	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	9,1	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	10,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	11,6	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	13,8	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	3,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	3,4	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	4,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,3	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	5,1	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	107	
	5,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	6,6	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	7,6	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	8,7	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	9,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	12,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	14,6	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	4,7	**M8 (5m)**	2,2	16	1197	**87,90**	**VR573.1K-3E100L/4C**	72098	174	333
	5,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	5,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	7,1	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76851	184	
	7,9	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	9,7	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	11,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	12,3	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	14,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø190	3,1	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	3,6	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	4,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	4,5	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	5,3	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	6,1	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	7,0	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	8,0	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	9,2	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	10,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	12,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	15,4	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	4,9	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	5,6	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	6,3	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	7,4	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	8,4	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

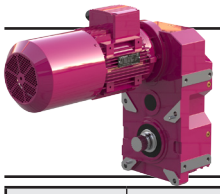


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	10,2	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	333
	11,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	13,0	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	15,4	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø200	3,3	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	3,7	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	4,5	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	4,7	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	5,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	6,4	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	7,4	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	8,4	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	9,7	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	11,0	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	13,4	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	16,2	**M6 (3m)**	7,5	51	1942	**28,45**	**VR473.1K-3E132M/4D**	51208	191	
	5,2	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	5,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	6,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	7,9	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	8,9	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	10,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	12,2	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	13,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	16,3	**M8 (5m)**	7,5	52	1933	**28,30**	**VR573.1K-3E132M/4D**	80055	261	
Ø210	3,5	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	47684	105	332
	3,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	4,7	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	5,0	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	5,9	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	6,8	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	7,8	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	8,9	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51793	124	
	10,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	11,6	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	14,1	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	16,9	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	2,9	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	3,3	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	3,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	5,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	6,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	7,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	8,2	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	9,3	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	11,3	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	12,8	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	14,4	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	17,0	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø220	3,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	4,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	4,9	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	5,2	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	6,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	7,1	**M7 (4m)**	4,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	52109	114	
	8,1	**M6 (3m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

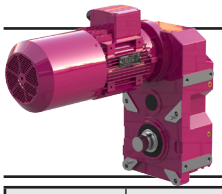


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	9,3	**M6 (3m)**	5,5	27	1351	**54,35**	**VR473.1K-3E112M/4D**	51793	124	332
	10,7	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	12,2	**M6 (3m)**	7,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	134	
	14,8	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	17,7	**M5 (2m)**	9,2	51	1324	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	3,0	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	3,5	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	3,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,7	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	5,7	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	6,5	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	7,3	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	8,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76262	194	
	9,7	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	11,9	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	13,4	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	15,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	17,8	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø230	3,8	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	4,3	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	5,2	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	5,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	6,5	**M7 (4m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	7,4	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	8,5	**M6 (3m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	9,7	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50357	124	
	11,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	12,7	**M6 (3m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	15,4	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	3,2	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	3,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	4,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,9	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	6,0	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	6,8	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	7,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	9,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76262	194	
	10,2	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	12,4	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	14,1	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	15,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	18,6	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø240	3,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	4,5	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	5,4	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	5,7	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	6,7	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	7,7	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	8,8	**M6 (3m)**	5,5	24	2110	**61,85**	**VR473.1K-3E132S/4C**	51361	124	
	10,1	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50357	124	
	11,6	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	13,3	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	124	
	16,0	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

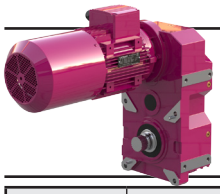


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	3,8	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	333
	4,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	5,1	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	6,2	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	7,1	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	8,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	9,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76262	194	
	10,6	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	13,0	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	14,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	16,4	**M8 (5m)**	9,2	44	2288	**33,46**	**VR573.1K-3EC132M/4E**	79274	210	
	19,4	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

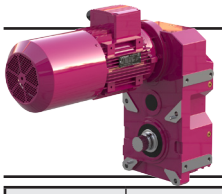


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,8	**M8 (5m)**	0,55	11	455	**137,94**	**VR273.1K-2E80M/4B**	24433	38	330
	0,9	**M8 (5m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	23616	38	
	1,0	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23234	38	
	1,2	**M8 (5m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	22283	40	
	1,4	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	1,6	**M8 (5m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	20358	45	
	1,9	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	2,3	**M7 (4m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	22478	45	
	2,7	**M7 (4m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	21040	49	
	3,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	3,8	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	4,5	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø110	0,9	**M7 (4m)**	0,55	11	455	**137,94**	**VR273.1K-2E80M/4B**	30444	38	330
	1,0	**M7 (4m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	29387	38	
	1,1	**M7 (4m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	28896	38	
	1,3	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	1,5	**M6 (3m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	32494	40	
	1,7	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	2,1	**M6 (3m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	29232	45	
	2,5	**M6 (3m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	27354	49	
	3,0	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	3,4	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	4,1	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	4,9	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	18017	59	
	1,0	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22649	60	331
	1,2	**M8 (5m)**	0,75	14	360	**106,69**	**VR373.1K-3E80M/4D**	21885	61	
	1,3	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,6	**M8 (5m)**	1,1	18	367	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	1,9	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,2	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	2,4	**M8 (5m)**	1,5	28	357	**52,30**	**VR373.1K-3E90L/4D**	17448	66	
	3,0	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	3,5	**M8 (5m)**	2,2	41	332	**35,49**	**VR373.1K-3E100L/4C**	15482	70	
	3,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	4,5	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	5,3	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø120	1,0	**M5 (2m)**	0,55	12	455	**137,94**	**VR273.1K-2E80M/4B**	46901	38	330
	1,1	**M5 (2m)**	0,55	14	399	**120,49**	**VR273.1K-3E80M/4D**	45190	38	
	1,2	**M5 (2m)**	0,55	15	375	**113,02**	**VR273.1K-3E80M/4D**	44397	38	
	1,4	**M5 (2m)**	0,75	18	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	1,6	**M5 (2m)**	0,75	21	380	**83,46**	**VR273.1K-3E90S/4C**	40377	40	
	1,9	**M5 (2m)**	1,1	25	489	**73,03**	**VR273.1K-3E90S/4C**	38277	45	
	2,3	**M4 (1Am)**	1,1	28	406	**60,39**	**VR273.1K-3E90S/4C**	45192	45	
	2,7	**M4 (1Am)**	1,2	35	371	**50,36**	**VR273.1K-3E90L/4D**	42850	45	
	3,2	**M4 (1Am)**	1,5	41	390	**42,22**	**VR273.1K-3E100L/4C**	40483	49	
	3,8	**M7 (4m)**	2,2	45	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	4,5	**M7 (4m)**	2,2	53	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	5,4	**M6 (3m)**	3,0	61	475	**25,44**	**VR273.1K-3E100L/4D**	21883	59	
	1,1	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22649	60	331
	1,3	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,4	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,7	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	2,0	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	2,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	3,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	4,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,0	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	5,8	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	

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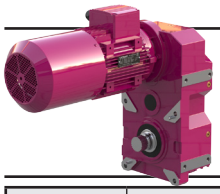


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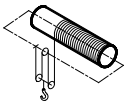
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	1,2	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22649	61	331
	1,4	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,6	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	1,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	2,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,6	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	4,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	4,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	5,4	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	6,3	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø140	1,3	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,5	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,7	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	2,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	2,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	3,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	4,5	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	5,0	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	5,8	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	6,8	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	77	
Ø150	1,4	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,6	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	1,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,5	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	3,0	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	3,3	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	4,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	4,8	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	73	
	5,3	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	73	
	6,2	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	7,2	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø160	1,5	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	1,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,3	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	2,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	3,2	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	3,5	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	4,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	5,1	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18757	73	
	5,7	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	6,6	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	7,7	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø170	1,6	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	1,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	2,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,4	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	2,9	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	3,3	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	3,7	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	4,7	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	5,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	6,0	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	7,0	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	8,2	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



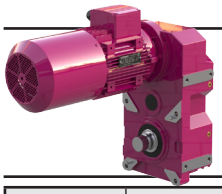
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø180	1,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	1,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	2,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,6	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	3,0	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	3,5	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,9	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	4,9	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	5,8	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	6,4	**M7 (4m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	17776	77	
	7,4	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

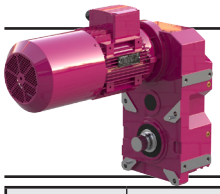


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	8,7	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	9,8	**M5 (2m)**	7,5	12	5802	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	11,6	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	14,1	**M5 (2m)**	9,2	17	5902	**87,90**	**VR573.1K-3EC132M/4E**	88253	210	
	16,0	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	18,0	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	21,3	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	23,9	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	29,3	**M4 (1Am)**	18,5	35	4836	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	33,1	**M4 (1Am)**	22	39	5105	**37,64**	**VR573.1K-3E180L/4D**	92581	320	
	5,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	6,5	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	7,7	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	9,2	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	10,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	12,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	14,1	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	16,3	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	18,7	**M8 (5m)**	11	22	6120	**66,59**	**VR673.1K-3E160M/4C**	112595	379	
	21,2	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø280	9,0	**M5 (2m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	10,2	**M5 (2m)**	5,5	12	4255	**126,81**	**VR573.1K-3E132S/4C**	95485	194	
	12,0	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	14,6	**M5 (2m)**	9,2	17	5902	**87,90**	**VR573.1K-3EC132M/4E**	88253	210	
	16,6	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	18,7	**M4 (1Am)**	15	21	6338	**69,00**	**VR573.1K-3E160L/4E**	96563	281	
	22,1	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	24,8	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	30,4	**M4 (1Am)**	18,5	35	4836	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	6,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	6,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	8,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	9,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	10,7	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	12,6	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	14,6	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	16,9	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	19,3	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	22,0	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø290	6,2	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	7,0	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	8,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	9,9	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	11,1	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	13,0	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	15,1	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	17,5	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	20,0	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	22,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø300	6,5	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	7,3	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	8,5	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	10,3	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	11,5	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	13,5	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	15,7	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	18,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	20,7	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	23,6	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	

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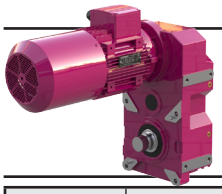


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	6,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	7,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	9,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	10,9	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	12,3	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	14,4	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	16,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	19,3	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	22,1	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	25,1	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø340	7,3	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	8,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	9,7	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	11,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	13,0	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	15,3	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	17,8	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	20,5	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	23,5	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	26,9	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
Ø360	7,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	8,7	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	10,2	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	12,3	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	13,8	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	16,2	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	18,9	**M8 (5m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	107995	379	
	21,7	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	24,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	28,5	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
Ø380	8,2	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	9,2	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	10,8	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	13,0	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100878	308	
	14,5	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	101611	308	
	17,1	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	19,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	22,9	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	26,4	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	30,1	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

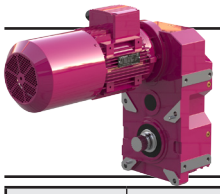


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	2,8	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	3,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	3,8	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	4,0	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	4,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	5,5	**M7 (4m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	6,3	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	7,2	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	8,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	9,4	**M6 (3m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	11,4	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50654	134	
	13,7	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	2,4	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	2,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	3,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	3,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	4,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	5,0	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	5,6	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	6,7	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	7,5	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	9,2	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	10,4	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	11,7	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	13,8	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø180	3,0	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	3,4	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	4,0	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	4,3	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	5,1	**M7 (4m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	5,8	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	6,7	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51364	124	
	7,6	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	8,7	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	10,0	**M6 (3m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	12,1	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	14,5	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	51463	140	
	2,5	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	2,9	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	3,8	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	4,7	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	5,3	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	6,0	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	7,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	8,0	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	9,7	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	11,0	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	12,4	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	14,6	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø190	3,1	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	3,6	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	4,3	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	4,5	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	5,4	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	6,2	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	7,1	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51364	124	
	8,0	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	9,2	**M6 (3m)**	7,5	31	2197	**47,37**	**VR473.1K-3E132M/4D**	50927	134	
	10,5	**M5 (2m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	52214	134	
	12,7	**M5 (2m)**	9,2	43	2334	**34,28**	**VR473.1K-3EC132M/4E**	52780	140	
	15,4	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	51463	140	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

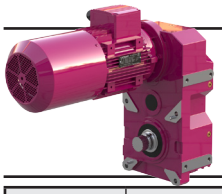


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	2,6	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	3,0	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,4	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,0	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	4,9	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	5,6	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	6,3	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	7,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	8,4	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	10,3	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	11,6	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	13,0	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	210	
	15,4	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø200	3,3	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62680	105	332
	2,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	3,2	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,6	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	4,2	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	5,2	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	5,9	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	6,6	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	7,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	8,9	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	10,8	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	12,2	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	13,7	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	210	
	16,3	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø210	2,9	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	3,3	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,8	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	4,5	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	5,4	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	6,2	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	7,0	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	8,2	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	9,3	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	11,3	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	12,8	**M8 (5m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	14,4	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	17,1	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø220	3,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	3,5	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	3,9	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	4,7	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	5,7	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	6,5	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	7,3	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	8,6	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	9,7	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	11,8	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	13,4	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	15,1	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	17,9	**M7 (4m)**	11	52	1932	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø230	3,2	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	3,7	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	4,1	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	4,9	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

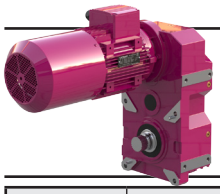


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	6,0	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	333
	6,8	**M8 (5m)**	5,5	19	2646	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	7,7	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	9,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	10,2	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	12,4	**M7 (4m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	14,0	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	15,8	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	18,7	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79057	281	
Ø240	3,3	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	3,8	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	4,3	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	5,1	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	184	
	6,2	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	7,0	**M8 (5m)**	5,5	19	2646	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	8,0	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	9,4	**M8 (5m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	204	
	10,6	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	12,9	**M7 (4m)**	9,2	34	2905	**42,62**	**VR573.1K-3EC132M/4E**	76984	210	
	14,7	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	16,5	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	19,6	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79057	281	

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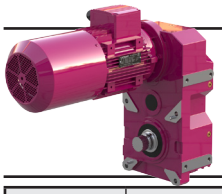


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	1,2	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,4	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,6	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,2	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,8	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	3,6	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	4,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	4,6	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	5,4	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	6,3	**M7 (4m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	16040	77	
	3,1	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	332
	3,6	**M8 (5m)**	2,2	35	570	**41,50**	**VR473.1K-3E100L/4C**	49635	105	
	4,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	5,2	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø140	1,3	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	1,5	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,7	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,0	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	2,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,8	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	3,8	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	4,5	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	5,0	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	5,8	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	6,8	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	77	
	2,6	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	332
	2,9	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	3,4	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	3,8	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49635	107	
	4,6	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	5,6	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø150	1,4	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,6	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	2,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	2,5	**M7 (4m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	22632	66	
	3,0	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,3	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	4,1	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	4,8	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	5,3	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	22235	77	
	6,2	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	7,3	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	87	
	2,4	**M8 (5m)**	1,5	24	655	**70,59**	**VR473.1K-3E90L/4D**	48265	101	332
	2,8	**M8 (5m)**	2,2	27	844	**61,85**	**VR473.1K-3E100L/4C**	48786	105	
	3,1	**M8 (5m)**	2,2	31	743	**54,35**	**VR473.1K-3E100L/4C**	49234	105	
	3,6	**M8 (5m)**	2,2	35	649	**47,37**	**VR473.1K-3E100L/4C**	49048	105	
	4,1	**M8 (5m)**	3,0	42	777	**41,50**	**VR473.1K-3E100L/4D**	49419	107	
	5,0	**M8 (5m)**	3,0	51	643	**34,28**	**VR473.1K-3E100L/4D**	49221	107	
	6,0	**M8 (5m)**	4,0	49	708	**28,45**	**VR473.1K-3E112M/4D**	49247	114	
Ø160	1,5	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	

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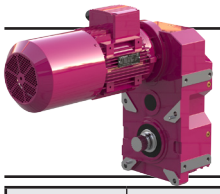


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	1,9	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	66	331
	2,3	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	2,7	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	70	
	3,2	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	4,4	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	5,1	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	5,7	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	6,7	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	7,8	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	2,2	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-3E90L/4D**	47006	101	332
	2,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,9	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	3,4	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	3,8	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	49234	107	
	4,4	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	5,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	49419	114	
	6,4	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø170	1,6	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	2,1	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	2,4	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	2,9	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	3,3	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	3,7	**M6 (3m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	25686	70	
	4,7	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	5,5	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22766	77	
	6,0	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	7,1	**M6 (3m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	20857	87	
	8,3	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	2,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	332
	2,4	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-3E90L/4D**	47006	101	
	2,7	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,1	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	3,6	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	4,1	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	4,7	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	5,6	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	6,8	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø180	1,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,9	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25966	66	
	2,2	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	2,6	**M7 (4m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	23507	70	
	3,0	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	3,5	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	70	
	3,9	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	25686	73	
	4,9	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	5,8	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	6,4	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	2,0	**M8 (5m)**	1,1	14	931	**101,48**	**VR473.1K-3E90S/4C**	46039	99	332
	2,1	**M8 (5m)**	1,1	15	820	**95,87**	**VR473.1K-3E90S/4C**	46400	99	
	2,5	**M8 (5m)**	1,5	18	937	**81,00**	**VR473.1K-3E90L/4D**	47006	101	
	2,9	**M8 (5m)**	1,5	21	886	**70,59**	**VR473.1K-3E90L/4D**	47676	101	
	3,3	**M8 (5m)**	1,5	24	750	**61,85**	**VR473.1K-3E90L/4D**	48265	101	
	3,8	**M8 (5m)**	2,2	27	961	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	4,3	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	4,9	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	6,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	7,3	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	49221	124	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

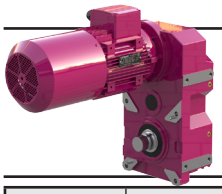


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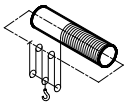
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,8	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	64	331
	2,0	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25100	66	
	2,3	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	2,7	**M6 (3m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	29358	70	
	3,2	**M6 (3m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	27239	70	
	3,7	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	70	
	4,1	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	24827	73	
	5,2	**M5 (2m)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	29640	77	
	6,1	**M5 (2m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	27810	77	
	6,7	**M5 (2m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	27177	77	
	1,6	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	1,8	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	2,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	2,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,5	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	4,0	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48786	105	
	4,6	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	5,2	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	114	
	6,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	7,7	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48468	124	
Ø200	1,9	**M6 (3m)**	1,5	12	1116	**121,67**	**VR373.1K-3E90L/4D**	33431	66	331
	2,1	**M5 (2m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	39534	66	
	2,4	**M5 (2m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	38350	66	
	2,9	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	3,4	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	3,9	**M4 (1Am)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	41217	73	
	4,4	**M4 (1Am)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	39309	73	
	5,5	**M4 (1Am)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	37091	77	
	6,4	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	1,6	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	1,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	45238	101	
	2,2	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,4	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	2,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,2	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,7	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	4,2	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	4,8	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	5,5	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	114	
	6,6	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	8,1	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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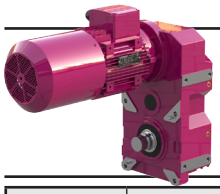


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø100	0,5	**M8 (5m)**	0,37	10	309	**137,94**	**VR273.1K-2E71M/4C**	25116	35	330
	0,6	**M8 (5m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	24222	38	
	0,7	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23807	38	
	0,8	**M8 (5m)**	0,55	15	320	**96,09**	**VR273.1K-2E80M/4B**	22283	38	
	0,9	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21474	40	
	1,0	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	1,3	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	19386	45	
	1,5	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	1,8	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	17257	49	
	2,1	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	2,5	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	15530	55	
	3,0	**M8 (5m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	14399	55	
Ø110	0,6	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	25116	38	330
	0,7	**M8 (5m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	23678	38	
	0,7	**M8 (5m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	23296	38	
	0,9	**M8 (5m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	22283	40	
	1,0	**M8 (5m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	21056	40	
	1,1	**M8 (5m)**	0,75	20	334	**73,03**	**VR273.1K-3E80M/4D**	20358	40	
	1,4	**M8 (5m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	18852	45	
	1,7	**M8 (5m)**	1,1	29	340	**50,36**	**VR273.1K-3E90S/4C**	18036	45	
	2,0	**M8 (5m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	16828	49	
	2,3	**M8 (5m)**	1,5	40	338	**36,38**	**VR273.1K-3E90L/4D**	16237	49	
	2,8	**M8 (5m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	14986	55	
	3,3	**M7 (4m)**	2,2	57	348	**25,44**	**VR273.1K-3E100L/4C**	18017	55	
Ø120	0,7	**M8 (5m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	24496	38	330
	0,8	**M7 (4m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	29467	38	
	0,8	**M7 (4m)**	0,55	13	375	**113,02**	**VR273.1K-2E80M/4B**	28975	38	
	0,9	**M7 (4m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	27195	40	
	1,1	**M7 (4m)**	0,75	17	380	**83,46**	**VR273.1K-3E80M/4D**	26224	40	
	1,2	**M7 (4m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	25324	45	
	1,5	**M7 (4m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	23543	45	
	1,8	**M6 (3m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	27865	49	
	2,2	**M6 (3m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	26150	49	
	2,5	**M8 (5m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	16237	55	
	3,0	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	3,6	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	18017	59	
	0,7	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	331
	0,9	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-3E80M/4C**	21885	60	
	1,0	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	21182	61	
	1,1	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,6	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,7	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	2,2	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	70	
	2,8	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,3	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	3,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13592	73	
Ø130	0,7	**M6 (3m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	37839	38	330
	0,8	**M6 (3m)**	0,55	12	399	**120,49**	**VR273.1K-2E80M/4B**	36490	38	
	0,9	**M6 (3m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	35864	40	
	1,0	**M6 (3m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	33736	40	
	1,2	**M6 (3m)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	32494	45	
	1,4	**M6 (3m)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	30705	45	
	1,6	**M5 (2m)**	1,1	24	406	**60,39**	**VR273.1K-3E90S/4C**	36385	45	
	2,0	**M5 (2m)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	34127	49	
	2,3	**M5 (2m)**	1,5	34	390	**42,22**	**VR273.1K-3E90L/4D**	32573	49	
	2,7	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	3,3	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	3,9	**M7 (4m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	17494	59	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

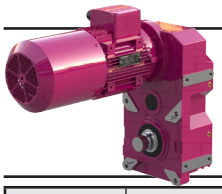


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,8	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-3E80M/4C**	22649	60	331
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	61	
	1,0	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	1,5	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,7	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,9	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	66	
	2,4	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,6	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	4,2	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø140	0,8	**M5 (2m)**	0,55	10	459	**137,94**	**VR273.1K-2E80M/4B**	47034	38	330
	0,9	**M5 (2m)**	0,75	12	544	**120,49**	**VR273.1K-3E80M/4D**	45319	40	
	0,9	**M5 (2m)**	0,75	13	511	**113,02**	**VR273.1K-3E80M/4D**	44525	40	
	1,1	**M5 (2m)**	0,75	15	436	**96,09**	**VR273.1K-3E80M/4D**	41959	40	
	1,3	**M5 (2m)**	1,1	17	558	**83,46**	**VR273.1K-3E90S/4C**	40377	45	
	1,5	**M4 (1Am)**	1,1	20	489	**73,03**	**VR273.1K-3E90S/4C**	47602	45	
	1,8	**M4 (1Am)**	1,5	24	554	**60,39**	**VR273.1K-3E90L/4D**	45192	49	
	2,1	**M4 (1Am)**	1,5	29	464	**50,36**	**VR273.1K-3E90L/4D**	42467	49	
	2,5	**M4 (1Am)**	2,2	34	572	**42,22**	**VR273.1K-3E100L/4C**	40483	55	
	2,9	**M7 (4m)**	2,2	40	495	**36,38**	**VR273.1K-3E100L/4C**	19615	55	
	3,5	**M7 (4m)**	2,2	48	414	**30,34**	**VR273.1K-3E100L/4C**	18801	55	
	4,2	**M6 (3m)**	3,0	57	475	**25,44**	**VR273.1K-3E100L/4D**	21883	59	
	0,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22649	61	331
	1,0	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,1	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,6	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	2,0	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,6	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	3,0	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,9	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	4,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø150	0,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4C**	22649	61	331
	1,1	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E80M/4D**	20798	64	
	1,4	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,7	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	2,0	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,2	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,5	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4C**	14631	73	
	4,1	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	4,8	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E100L/4D**	13202	77	
Ø160	1,0	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,1	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	1,5	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,8	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	2,1	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,4	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,8	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	4,4	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	5,1	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	77	

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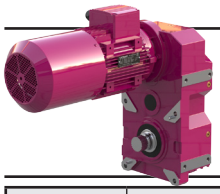


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	1,1	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,2	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	1,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,6	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,9	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	2,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,5	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	3,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,6	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	73	
	4,0	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	73	
	4,7	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	5,5	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø180	1,1	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,3	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	1,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,7	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	2,0	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,6	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	3,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,8	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18757	73	
	4,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	5,0	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	5,8	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

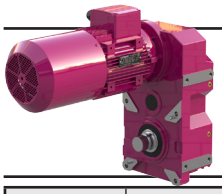


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	6,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	6,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	8,0	**M8 (5m)**	7,5	9,0	7392	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	9,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	10,7	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	12,6	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	14,7	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	16,9	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	108017	379	
	19,3	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	22,2	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	18,9	**M8 (5m)**	15	22	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	335
	19,6	**M8 (5m)**	15	23	6048	**65,59**	**VR773.1K-3E160L/4E**	149571	500	
	22,8	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	26,1	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	146450	539	
Ø300	6,5	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	7,3	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	8,5	**M8 (5m)**	7,5	9,0	7392	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	10,2	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	11,5	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	101611	308	
	13,5	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	15,7	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	18,1	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	20,9	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	23,7	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	14,2	**M8 (5m)**	11	15	6571	**97,55**	**VR773.1K-3E160M/4C**	144234	480	335
	16,1	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	
	18,2	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	20,4	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	21,1	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	24,5	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	28,0	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø320	6,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	7,7	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	9,1	**M8 (5m)**	7,5	9,0	7392	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	10,9	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	12,2	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	112605	308	
	14,5	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	16,8	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	19,4	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	22,2	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	25,3	**M7 (4m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	117744	418	
	11,4	**M8 (5m)**	9,2	11	8673	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	335
	13,2	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	15,1	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	17,2	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	19,4	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	21,7	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	22,5	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	26,1	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147287	539	
	29,9	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145304	585	
Ø340	7,3	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	8,2	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	9,7	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	11,6	**M7 (4m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	
	13,1	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	

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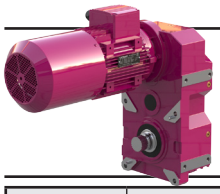
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	15,3	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	334
	17,8	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	20,7	**M7 (4m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	116054	408	
	23,6	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	26,8	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124887	418	
	10,5	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	135735	429	335
	12,1	**M8 (5m)**	9,2	11	8673	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	
	14,1	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	16,1	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	18,3	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	20,6	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	23,1	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	23,9	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	27,7	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147287	539	
	31,7	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145304	585	
Ø360	7,8	**M8 (5m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	83481	302	334
	8,7	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	10,2	**M7 (4m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	110822	308	
	12,3	**M7 (4m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	
	13,8	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	16,2	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	
	18,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	21,9	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	124542	408	
	25,0	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	28,4	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	8,3	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	125257	423	335
	9,9	**M8 (5m)**	7,5	8,8	7635	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	11,1	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	135735	429	
	12,9	**M8 (5m)**	11	11	8673	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	14,8	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	17,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	19,3	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	21,9	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	24,5	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	25,3	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	29,2	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	33,7	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø380	8,2	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	9,2	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	10,8	**M7 (4m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	110822	308	
	13,0	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	14,6	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	17,1	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	19,9	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	123378	379	
	23,1	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	26,3	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	30,1	**M6 (3m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	123235	464	
	7,5	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	8,7	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	10,5	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129558	429	
	11,7	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	13,6	**M8 (5m)**	11	11	8673	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	15,7	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	17,9	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	20,5	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	23,1	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	25,8	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148206	539	

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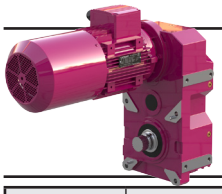


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	26,7	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	148050	539	335
	31,0	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	35,5	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø400	8,6	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	9,7	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	11,3	**M7 (4m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	106274	308	
	13,7	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	15,4	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124533	379	
	18,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	21,1	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	24,3	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	27,7	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	7,9	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	9,2	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	11,0	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129558	429	
	12,3	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	14,3	**M8 (5m)**	11	11	8673	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	16,5	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	18,9	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	21,5	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	24,3	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	27,1	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	28,1	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	32,6	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	37,5	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø420	9,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	10,2	**M7 (4m)**	9,2	7,7	12729	**189,61**	**VR673.1K-3EC132M/4E**	107207	308	
	11,9	**M7 (4m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	106274	308	
	14,4	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	16,1	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124533	379	
	18,9	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	22,2	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	25,5	**M6 (3m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	122399	418	
	29,1	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	8,3	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	9,7	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	11,6	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125704	429	
	13,0	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	15,0	**M8 (5m)**	15	11	11826	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	17,3	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	19,8	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	22,6	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	25,4	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145676	539	
	28,5	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	29,6	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	34,2	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	39,3	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	

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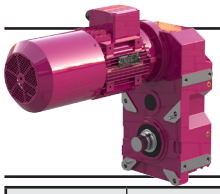


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	3,2	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	55515	177	333
	3,7	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	4,2	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	65923	184	
	4,9	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	6,0	**M8 (5m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	69151	194	
	6,8	**M7 (4m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	7,7	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	79709	204	
	9,1	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	10,1	**M7 (4m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	80785	210	
	12,4	**M6 (3m)**	9,2	34	2885	**42,62**	**VR573.1K-3EC132M/4E**	84838	210	
	14,1	**M6 (3m)**	11	39	2553	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	15,8	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	86236	281	
	18,7	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	85552	281	
	6,9	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	334
	7,9	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	115595	302	
	9,0	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	3,3	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	3,8	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	4,3	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	65923	184	
	5,1	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	6,3	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	7,1	**M7 (4m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	8,0	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	79709	204	
	9,5	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	10,6	**M7 (4m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	80785	210	
	13,0	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	14,7	**M6 (3m)**	11	39	2553	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	16,5	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	19,5	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	85552	281	
	5,4	**M8 (5m)**	5,5	14	2967	**102,10**	**VR673.1K-3E132S/4C**	110887	292	334
	6,3	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	7,2	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	8,3	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	9,4	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø250	3,5	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	4,0	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	61061	184	
	4,5	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	64656	184	
	5,4	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	6,5	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	7,4	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	8,3	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	9,9	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	11,0	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	86002	210	
	13,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	15,3	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	17,2	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	20,3	**M5 (2m)**	15	52	3240	**28,30**	**VR573.1K-3E160L/4E**	89706	311	
	4,8	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108469	282	334
	5,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	110887	292	
	6,5	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	7,5	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	8,6	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	9,8	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

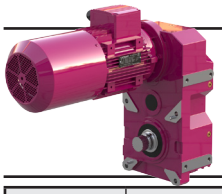


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	4,2	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	333
	4,7	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	64656	184	
	5,6	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	6,8	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	7,7	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	8,7	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	10,2	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	11,5	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	14,0	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	15,9	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	17,9	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	21,3	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	5,0	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108469	282	334
	5,8	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	110887	292	
	6,8	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	7,8	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	9,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	10,2	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø270	3,8	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	4,3	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	61061	184	
	4,9	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	5,8	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	7,0	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	8,0	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	9,0	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	10,6	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	12,0	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	14,6	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	16,6	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	84068	281	
	18,6	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	22,0	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	4,6	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	334
	5,2	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108469	282	
	6,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	8,1	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	9,3	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	10,6	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø280	4,4	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	333
	5,1	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	6,0	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	7,3	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	8,3	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	76646	204	
	9,3	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	11,0	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	12,4	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	15,2	**M6 (3m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	84838	281	
	17,2	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	19,3	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	22,8	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	4,7	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	334
	5,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108469	292	
	6,3	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,3	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	8,4	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	9,7	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	11,0	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

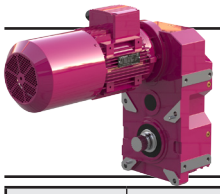


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	4,6	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	333
	5,2	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	6,2	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	7,6	**M7 (4m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	76399	204	
	8,6	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	9,7	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	11,4	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	12,9	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	15,7	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	17,8	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	20,0	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	23,7	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	3,1	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	3,5	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	4,1	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	4,9	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	5,5	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108469	292	
	6,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,6	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	8,7	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	10,0	**M8 (5m)**	7,5	22	4504	**66,59**	**VR673.1K-3E132M/4D**	114515	359	
	11,4	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	359	
Ø300	4,2	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	4,8	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	5,4	**M7 (4m)**	5,5	11	4269	**126,81**	**VR573.1K-3E132S/4C**	74221	194	
	6,4	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	7,8	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	204	
	8,9	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	10,0	**M6 (3m)**	7,5	21	4663	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	11,8	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	13,3	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	16,2	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	18,4	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	20,7	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	24,5	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	3,2	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	3,6	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	4,2	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	5,1	**M8 (5m)**	4,0	11	3318	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	5,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108469	292	
	6,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	7,8	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	9,0	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	10,4	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114515	308	
	11,8	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

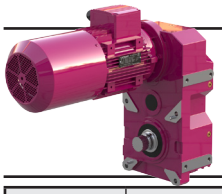


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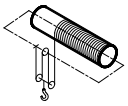
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,4	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	1,6	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,9	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	2,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	105	
	2,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,7	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	3,1	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	107	
	3,6	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	4,1	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	114	
	4,7	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	5,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	50759	124	
	6,8	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	5,2	**M8 (5m)**	4,0	39	934	**37,64**	**VR573.1K-3E112M/4D**	79521	184	333
	5,8	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	80454	194	
	6,9	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø180	1,5	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	101	332
	1,7	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	105	
	2,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	105	
	2,5	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,9	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	3,3	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	3,8	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	4,4	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	114	
	5,0	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	6,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	7,3	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	134	
	5,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	194	333
	6,2	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	7,3	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	204	
Ø190	1,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	101	332
	1,8	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	105	
	2,3	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	2,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,1	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	3,5	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	4,0	**M8 (5m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	48020	114	
	4,6	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	5,2	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	6,4	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	7,7	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	134	
	4,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	78210	184	333
	5,1	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	
	5,8	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	194	
	6,5	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	7,7	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	204	
Ø200	1,6	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	2,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,4	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	2,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	3,2	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	3,7	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	4,2	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	50346	114	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



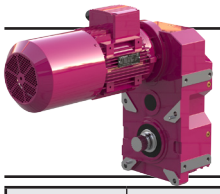
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	4,8	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	332
	5,5	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	6,7	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	8,1	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	52209	134	
	4,4	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	78210	184	333
	5,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	6,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	6,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	8,1	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø210	1,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	2,0	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	2,4	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	3,0	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	107	
	3,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	3,9	**M7 (4m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	4,4	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	5,1	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	5,8	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	7,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	8,5	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	3,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	74293	177	333
	3,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	4,1	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76851	184	
	4,6	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	5,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	6,4	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	7,2	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	8,5	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø220	1,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	2,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	2,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,6	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	3,1	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	107	
	3,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	4,0	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	4,6	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	5,3	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	6,1	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	7,4	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	8,9	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,8	**M8 (5m)**	2,2	16	1197	**87,90**	**VR573.1K-3E100L/4C**	70215	174	333
	3,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	71396	177	
	3,6	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	73543	177	
	4,3	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	75138	184	
	4,8	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	75648	184	
	5,9	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	75555	194	
	6,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	76931	194	
	7,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	78149	204	
	8,9	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	77985	204	
	1,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	2,2	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	2,6	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	2,7	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	3,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

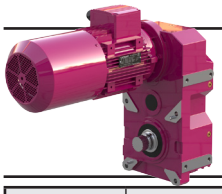


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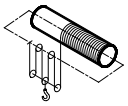
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	3,7	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	332
	4,2	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	4,8	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	5,6	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	6,4	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	7,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	9,3	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	3,0	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	3,4	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,8	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	4,5	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	5,0	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	6,2	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	7,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	7,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	9,3	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø240	2,0	**M8 (5m)**	2,2	10	1269	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	2,2	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	2,7	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,8	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	3,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	4,4	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	5,0	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	5,8	**M6 (3m)**	5,5	31	1180	**47,37**	**VR473.1K-3E132S/4C**	52173	124	
	6,6	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	8,0	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	9,7	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,5	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	3,1	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	
	3,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	4,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	4,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	5,3	**M8 (5m)**	5,5	28	1781	**51,97**	**VR573.1K-3E132S/4C**	77685	194	
	6,5	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	7,3	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	8,2	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	9,7	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



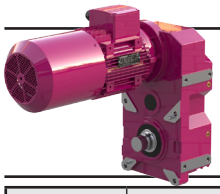
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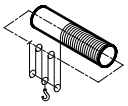
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø110	0,7	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22649	60	331
	0,8	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	1,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	1,6	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,0	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	2,4	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,6	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,0	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	3,5	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø120	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22649	61	331
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,8	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	3,3	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	3,9	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	13202	77	
Ø130	0,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	1,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,5	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	1,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,9	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,4	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,1	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	3,6	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	4,2	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	77	
Ø140	0,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	1,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,6	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,0	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	2,6	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,0	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	73	
	3,3	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,9	**M8 (5m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	4,5	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø150	0,9	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	1,1	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,2	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,4	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	1,7	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,0	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	2,2	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	2,7	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	3,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,5	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	4,1	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	4,8	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



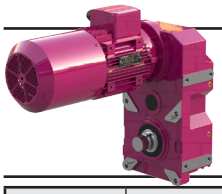
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø160	1,0	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	1,1	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,3	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,5	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	1,8	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	2,1	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	2,3	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,9	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	3,4	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	4,4	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	5,1	**M6 (3m)**	5,5	61	811	**23,58**	**VR373.1K-3E132S/4C**	20128	87	
Ø170	1,1	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,2	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,4	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,6	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,9	**M8 (5m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	18038	70	
	2,2	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	3,1	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	3,6	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	4,0	**M7 (4m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	17776	77	
	4,7	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	5,5	**M6 (3m)**	5,5	61	811	**23,58**	**VR373.1K-3E132S/4C**	20128	87	
Ø180	1,1	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,3	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,4	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	66	
	1,7	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	2,0	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	70	
	2,4	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,6	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	3,3	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	3,8	**M6 (3m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	22766	73	
	4,3	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	22235	77	
	5,0	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	
	5,8	**M6 (3m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	20128	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

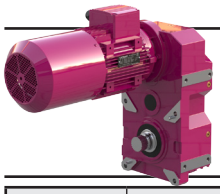


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø110	0,5	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	23158	60	331
	0,6	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-2E80M/4B**	21885	60	
	0,7	**M8 (5m)**	0,55	15	319	**94,32**	**VR373.1K-2E80M/4B**	21182	60	
	0,8	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	0,9	**M8 (5m)**	0,75	21	312	**67,45**	**VR373.1K-3E80M/4D**	19072	61	
	1,1	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,2	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	1,5	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16429	66	
	1,8	**M8 (5m)**	1,5	41	332	**35,49**	**VR373.1K-3E90L/4D**	15482	66	
	1,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	15095	70	
	2,3	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	2,7	**M8 (5m)**	2,2	61	324	**23,58**	**VR373.1K-3E100L/4C**	13592	70	
Ø120	0,6	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22710	60	331
	0,6	**M8 (5m)**	0,55	14	360	**106,69**	**VR373.1K-2E80M/4B**	21885	60	
	0,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	21182	61	
	0,9	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,0	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	19072	64	
	1,2	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,3	**M8 (5m)**	1,1	28	357	**52,30**	**VR373.1K-3E90S/4C**	17448	64	
	1,6	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	1,9	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	70	
	2,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,5	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	2,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13592	73	
Ø130	0,6	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22710	60	331
	0,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	61	
	0,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	0,9	**M8 (5m)**	0,75	18	367	**79,34**	**VR373.1K-3E80M/4D**	19898	61	
	1,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,3	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,4	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	66	
	1,8	**M8 (5m)**	1,5	35	386	**41,42**	**VR373.1K-3E90L/4D**	16088	66	
	2,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	15482	70	
	2,3	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,7	**M8 (5m)**	2,2	53	378	**27,53**	**VR373.1K-3E100L/4C**	14113	70	
	3,1	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø140	0,7	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22710	60	331
	0,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	61	
	0,8	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	1,2	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	1,5	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	66	
	1,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	2,2	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,5	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,9	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	3,4	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø150	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22710	61	331
	0,8	**M8 (5m)**	0,75	13	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,9	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,3	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,5	**M8 (5m)**	1,5	24	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	1,6	**M8 (5m)**	1,5	27	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,1	**M8 (5m)**	2,2	34	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	2,4	**M8 (5m)**	2,2	39	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,7	**M8 (5m)**	2,2	44	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	3,1	**M8 (5m)**	3,0	51	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	3,6	**M8 (5m)**	3,0	59	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	

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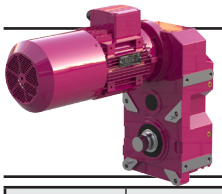


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø160	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22710	61	331
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,6	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,7	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,2	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,6	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,8	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	3,3	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	3,9	**M8 (5m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	13202	77	
Ø170	0,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22213	61	331
	0,9	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	1,2	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	1,7	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,8	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	2,3	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,7	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	3,0	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	3,5	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	4,1	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	77	
Ø180	0,8	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22213	61	331
	1,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	1,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,3	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,5	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	1,8	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	2,0	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	2,5	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,9	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	73	
	3,2	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,7	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	4,3	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** */ Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

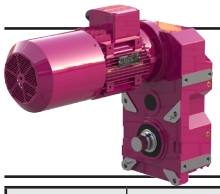


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	6,5	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	104696	302	334
	7,3	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	8,5	**M7 (4m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	
	10,3	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	11,5	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	13,5	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	111606	379	
	15,7	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	123378	379	
	18,2	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	20,8	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123710	418	
	23,7	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	5,9	**M8 (5m)**	5,5	6,2	7862	**233,77**	**VR773.1K-3E132S/4C**	114944	413	335
	6,9	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	8,3	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	9,2	**M8 (5m)**	9,2	9,9	9999	**148,95**	**VR773.1K-3EC132M/4E**	132254	429	
	10,7	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	12,4	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	14,1	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	16,0	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	18,2	**M8 (5m)**	18,5	19	8641	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	20,4	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148191	539	
	21,1	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	148034	539	
	24,5	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145986	585	
	28,1	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	6,9	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	7,8	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	9,1	**M7 (4m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	106246	308	
	10,9	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	12,3	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	14,4	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	16,9	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	19,5	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	22,2	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	121840	418	
	25,3	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	130962	464	
	6,3	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	7,4	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	8,8	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	9,8	**M8 (5m)**	9,2	9,9	9999	**148,95**	**VR773.1K-3EC132M/4E**	132254	429	
	11,4	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	13,2	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	15,1	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	17,2	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	19,4	**M8 (5m)**	18,5	19	8641	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	21,7	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148191	539	
	22,5	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	26,1	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145986	585	
	30,0	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø340	7,3	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	8,2	**M7 (4m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	107152	308	
	9,6	**M6 (3m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	122575	308	
	11,6	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	13,0	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	15,3	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	17,9	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	20,6	**M6 (3m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	122393	418	
	23,6	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	26,9	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	

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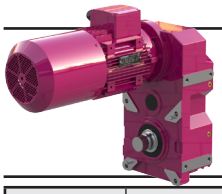


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	6,7	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	7,8	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	9,4	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	10,5	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	12,1	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	14,0	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	16,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	18,3	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	20,6	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	23,1	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	24,0	**M8 (5m)**	30	22	12095	**65,59**	**VR773.1K-3E200L/4D**	146519	585	
	27,7	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	31,8	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø360	7,8	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	8,7	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	127223	308	
	10,2	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	12,3	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123203	379	
	13,8	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	16,3	**M6 (3m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	122100	408	
	19,0	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	21,8	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	131671	418	
	25,0	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130268	464	
	28,5	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	7,1	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	8,2	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	9,9	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	11,1	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	12,9	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	14,8	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	17,1	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	19,4	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	21,8	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	24,5	**M8 (5m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	146618	585	
	25,4	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146519	585	
	29,3	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	33,8	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
Ø380	8,2	**M6 (3m)**	9,2	6,8	14234	**213,15**	**VR673.1K-3EC132M/4E**	127019	308	334
	9,2	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	121919	308	
	10,8	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	13,0	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123203	379	
	14,6	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	17,2	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	133758	408	
	20,0	**M5 (2m)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	131243	418	
	23,0	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	26,4	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130268	464	
	30,1	**M5 (2m)**	30	25	10777	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	7,5	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	8,7	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	10,5	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	11,7	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	13,6	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	15,7	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	18,0	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	20,4	**M8 (5m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	142772	539	
	23,0	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	143899	539	
	25,9	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	155561	585	
	26,8	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	31,0	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	35,7	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	

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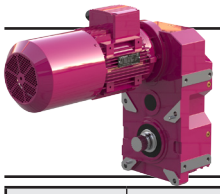
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	25,4	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	150258	965	336
	29,1	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	33,2	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	149661	1025	
	37,6	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	8,6	**M6 (3m)**	9,2	6,8	14234	**213,15**	**VR673.1K-3EC132M/4E**	121919	308	334
	9,7	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	122575	308	
	11,4	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	134529	359	
	13,7	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134063	379	
	15,4	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	130898	379	
	18,1	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	131243	408	
	21,0	**M5 (2m)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	129536	418	
	7,9	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	9,2	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	11,1	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	12,4	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	14,3	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	16,6	**M8 (5m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	19,0	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	21,5	**M8 (5m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	142772	539	
	24,3	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	27,2	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	28,2	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	32,6	**M7 (4m)**	30	26	12901	**56,82**	**VR773.1K-3E200L/4D**	151786	621	
	37,5	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	25,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	146980	965	336
	26,8	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	30,6	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	34,9	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	149661	1025	
	39,6	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø420	9,0	**M6 (3m)**	9,2	6,8	14234	**213,15**	**VR673.1K-3EC132M/4E**	121048	308	334
	10,2	**M5 (2m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	145979	359	
	12,0	**M5 (2m)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	141576	379	
	14,4	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	16,1	**M5 (2m)**	15	12	13511	**119,86**	**VR673.1K-3E160L/4E**	134063	408	
	19,1	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	22,1	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	142370	418	
	8,2	**M8 (5m)**	9,2	6,2	15723	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	9,6	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	11,6	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	13,0	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	15,0	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	17,4	**M8 (5m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	19,9	**M7 (4m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	150936	529	
	22,5	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	25,5	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	28,6	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	29,7	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	34,3	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151786	621	
	39,4	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	21,3	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	141084	890	336
	23,9	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	26,6	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	28,1	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	32,1	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	36,7	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147840	1025	
	41,5	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	

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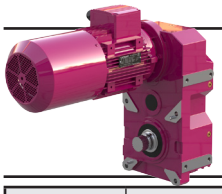


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	8,6	**M8 (5m)**	9,2	6,2	15723	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	10,1	**M8 (5m)**	11	7,3	13445	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	12,2	**M8 (5m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	125657	500	
	13,6	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	128335	500	
	15,8	**M7 (4m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	148048	500	
	18,2	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	20,8	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	23,6	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	26,7	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	29,9	**M6 (3m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	31,0	**M6 (3m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	15,1	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4E**	125889	825	336
	17,4	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	132750	875	
	19,8	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	22,3	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	25,0	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	27,9	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	29,4	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	33,7	**M8 (5m)**	37	24	13785	**60,33**	**VR873.1K-3E225S/4C**	150256	1025	
	38,4	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147840	1025	
	43,5	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	

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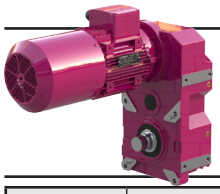


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	4,3	**M7 (4m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	70753	194	333
	4,9	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	5,8	**M6 (3m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	7,1	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	8,0	**M6 (3m)**	7,5	19	5221	**77,63**	**VR573.1K-3E132M/4D**	83614	204	
	9,0	**M6 (3m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	82189	210	
	10,7	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	12,0	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	14,6	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	16,6	**M5 (2m)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	88856	311	
	18,7	**M4 (1Am)**	18,5	44	3809	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	22,0	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	93054	320	
	2,9	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	334
	3,3	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	97481	282	
	3,8	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	4,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	105206	292	
	5,2	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	110035	302	
	7,1	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	8,1	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112934	308	
	9,3	**M8 (5m)**	9,2	22	4488	**66,59**	**VR673.1K-3EC132M/4E**	112811	308	
	10,6	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø280	4,5	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	83697	194	333
	5,1	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,0	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	7,3	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	8,3	**M6 (3m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	83614	210	
	9,3	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89109	210	
	11,0	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	12,4	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	15,1	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	17,2	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	93900	311	
	19,4	**M4 (1Am)**	18,5	44	3809	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	22,8	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	3,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	334
	3,4	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	97481	282	
	4,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	4,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	105206	292	
	5,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	110035	302	
	7,3	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	8,4	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112934	308	
	9,6	**M8 (5m)**	9,2	22	4488	**66,59**	**VR673.1K-3EC132M/4E**	112811	308	
	11,0	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø290	4,7	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	83697	194	333
	5,3	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,2	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	7,6	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	8,6	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	9,6	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89109	210	
	11,4	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	12,8	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	15,6	**M4 (1Am)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	93789	281	
	17,8	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	93900	311	
	20,0	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	23,7	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	92064	320	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

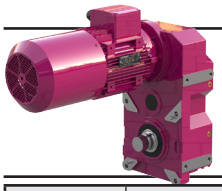


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	3,1	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	334
	3,5	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	97481	282	
	4,1	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	101441	282	
	5,0	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	5,6	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	110035	302	
	7,6	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	8,7	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112934	308	
	10,0	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	11,4	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114662	359	
Ø300	4,8	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	5,4	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,4	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	7,8	**M5 (2m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	8,9	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	10,0	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	11,8	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	13,3	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	87774	281	
	16,2	**M4 (1Am)**	15	34	4853	**42,62**	**VR573.1K-3E160L/4E**	93789	311	
	18,5	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	20,7	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	3,2	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	88704	282	334
	3,6	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	101441	292	
	5,1	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	5,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	107358	292	
	6,8	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	7,9	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110802	302	
	9,0	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112934	308	
	10,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	11,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114662	379	
Ø310	5,0	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	5,6	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,7	**M6 (3m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	81646	204	
	8,1	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	9,2	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	10,3	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	12,2	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	13,7	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	16,8	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	19,1	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	21,4	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	3,3	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	88704	282	334
	3,7	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	101441	292	
	5,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	5,9	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	107358	302	
	7,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,1	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110802	308	
	9,3	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110684	308	
	10,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	12,2	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114662	379	
Ø320	5,1	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	5,8	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	6,9	**M5 (2m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	8,3	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	9,4	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	10,7	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	12,6	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	14,2	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** */ Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

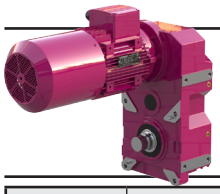


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	3,4	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	88704	275	334
	3,9	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,6	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	101441	292	
	5,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	6,1	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	107358	302	
	7,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,4	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110802	308	
	9,6	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110684	308	
	11,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	12,6	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114662	379	
Ø330	5,3	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	6,0	**M6 (3m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	82997	204	
	7,1	**M5 (2m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	8,6	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	9,8	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	11,0	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	13,0	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	96061	281	
	14,6	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	3,5	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86925	282	334
	4,0	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,7	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	101441	292	
	5,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	6,3	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	107358	302	
	7,4	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,6	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110802	308	
	10,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110684	359	
	11,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	13,0	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114662	379	
Ø340	5,5	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	6,2	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	7,3	**M5 (2m)**	7,5	14	4933	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	8,9	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	88266	210	
	10,1	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	11,3	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	13,4	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	15,0	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	3,6	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86925	282	334
	4,1	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	4,8	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	99409	292	
	5,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	6,5	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	107358	302	
	7,7	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	8,9	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110802	308	
	10,3	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110684	359	
	11,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112811	379	
	13,4	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112680	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

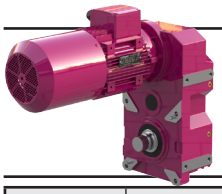


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø180	1,5	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,7	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	2,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	3,3	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	3,8	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	51795	114	
	4,4	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	5,0	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	6,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	7,3	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	2,6	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	333
	3,0	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	3,5	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	4,0	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	4,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	5,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	6,2	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	7,3	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø190	1,6	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	1,8	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	2,1	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,3	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	2,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,1	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	3,5	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	4,0	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	4,6	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	5,2	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	6,4	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	7,7	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	2,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	2,5	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	
	2,8	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,1	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	3,7	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	4,2	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	5,1	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	5,8	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	6,5	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	7,7	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø200	1,6	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	1,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,2	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	2,4	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	2,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,2	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	3,7	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	4,2	**M7 (4m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	4,8	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	5,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	6,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	8,1	**M6 (3m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	51208	140	
	1,4	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	1,6	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	1,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

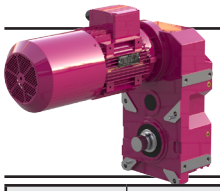


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	2,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	2,6	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,3	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	3,9	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	4,4	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	5,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	6,1	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	6,9	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	8,1	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø210	1,7	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	2,0	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,4	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	2,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	3,0	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,4	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	3,9	**M6 (3m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	4,4	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	5,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	5,8	**M6 (3m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	7,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	8,5	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	1,5	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	1,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	1,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,7	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	3,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	4,1	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	4,6	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	5,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	6,4	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	7,2	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	8,5	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø220	1,8	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	2,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,5	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	2,6	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	3,1	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	3,5	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	4,1	**M6 (3m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	4,6	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	5,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	6,1	**M6 (3m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	7,4	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	8,9	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	51463	140	
	1,5	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	1,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,3	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	2,8	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,2	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	3,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	4,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76262	194	
	4,9	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,9	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	6,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	7,6	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	8,9	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

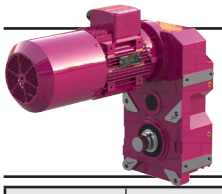


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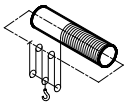
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	2,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,6	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	2,7	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	3,2	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	3,7	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	4,2	**M6 (3m)**	5,5	24	2110	**61,85**	**VR473.1K-3E132S/4C**	51361	124	
	4,9	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	5,6	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	6,4	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	53672	134	
	7,7	**M5 (2m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	1,6	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,8	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,4	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	3,0	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,4	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	3,8	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	4,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76262	194	
	5,1	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	6,2	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	7,0	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	7,9	**M8 (5m)**	7,5	44	2280	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	9,3	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø240	2,0	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	2,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,7	**M6 (3m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	50219	107	
	2,8	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	3,4	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	3,9	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	4,4	**M5 (2m)**	5,5	24	2110	**61,85**	**VR473.1K-3E132S/4C**	54122	124	
	5,1	**M5 (2m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	52940	124	
	5,8	**M5 (2m)**	7,5	31	2197	**47,37**	**VR473.1K-3E132M/4D**	53333	134	
	6,6	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	
	1,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,9	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,5	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	3,1	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	3,5	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	4,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	4,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75379	194	
	5,3	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	6,5	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	7,3	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	8,2	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79274	210	
	9,7	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	

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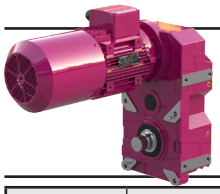
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,5	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,7	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	16590	70	
	1,9	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,4	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	2,8	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,1	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,6	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	16576	77	
	4,2	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	87	
	1,8	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	332
	2,1	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	2,4	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49635	107	
	2,9	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	3,5	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø140	0,9	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,1	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	66	
	1,3	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,6	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	70	
	1,8	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,6	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	3,0	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,3	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	22235	77	
	3,9	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	4,5	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	87	
	1,5	**M8 (5m)**	1,5	21	655	**70,59**	**VR473.1K-3E90L/4D**	47676	101	332
	1,7	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,0	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,2	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	2,6	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,1	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	49419	114	
	3,8	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø150	0,9	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,1	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,2	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	66	
	1,4	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,7	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	70	
	2,0	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,2	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,7	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	3,2	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22766	77	
	3,5	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	4,2	**M6 (3m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	20825	87	
	4,9	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	1,4	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-3E90L/4D**	47006	101	332
	1,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,8	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,1	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,4	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	49234	107	
	2,7	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,3	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	49419	114	
	4,0	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

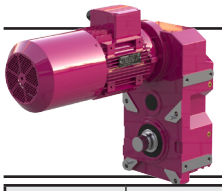


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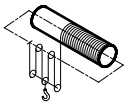
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	1,0	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,1	**M8 (5m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	20694	66	
	1,3	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,5	**M7 (4m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	23507	70	
	1,8	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	2,1	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,3	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	25686	73	
	2,9	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	3,4	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	3,8	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	4,4	**M6 (3m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	20825	87	
	5,2	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	1,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	332
	1,5	**M8 (5m)**	1,5	18	750	**81,00**	**VR473.1K-3E90L/4D**	47006	101	
	1,7	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,0	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,2	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	2,6	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	2,9	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	3,5	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	4,3	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	49221	124	
Ø170	1,1	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	64	331
	1,2	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25966	66	
	1,4	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,6	**M7 (4m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	23507	70	
	1,9	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	2,2	**M6 (3m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	26295	70	
	2,5	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	25686	73	
	3,1	**M6 (3m)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	23590	77	
	3,6	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	4,0	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	4,7	**M5 (2m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	25319	87	
	5,5	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	0,9	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	1,1	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	1,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,3	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,8	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,1	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,4	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48786	107	
	2,7	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	3,1	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	114	
	3,8	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	4,6	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	49221	124	
Ø180	1,1	**M6 (3m)**	1,5	12	1116	**121,67**	**VR373.1K-3E90L/4D**	33431	66	331
	1,3	**M6 (3m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	31495	66	
	1,4	**M6 (3m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	30603	66	
	1,7	**M6 (3m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	28225	70	
	2,0	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	2,4	**M5 (2m)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	32982	73	
	2,6	**M5 (2m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	31317	73	
	3,3	**M5 (2m)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	29640	77	
	3,8	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	1,0	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	1,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	45238	101	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



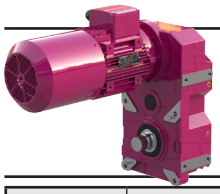
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø180	1,3	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	332
	1,4	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,9	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,2	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	2,5	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48786	107	
	2,9	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	3,3	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	114	
	4,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	4,8	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48468	124	
Ø190	1,2	**M5 (2m)**	1,5	12	1116	**121,67**	**VR373.1K-3E90L/4D**	41793	66	331
	1,4	**M5 (2m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	39534	66	
	1,5	**M5 (2m)**	2,2	15	1275	**94,32**	**VR373.1K-3E100L/4C**	38350	70	
	1,8	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	2,1	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	2,5	**M4 (1Am)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	41217	73	
	2,8	**M4 (1Am)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	39309	73	
	3,5	**M4 (1Am)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	36239	77	
	4,1	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	1,0	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	1,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	45238	101	
	1,4	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,5	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,8	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	2,0	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	2,3	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	107	
	2,7	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	3,0	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	3,5	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	48314	114	
	4,2	**M8 (5m)**	5,5	42	1179	**34,28**	**VR473.1K-3E132S/4C**	48811	124	
	5,1	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	5,1	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	333
Ø200	1,1	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	55152	99	332
	1,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	52968	101	
	1,5	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	52347	101	
	1,6	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	51433	105	
	1,9	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49025	105	
	2,1	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	48878	105	
	2,5	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49109	107	
	2,8	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48665	107	
	3,2	**M8 (5m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	48628	114	
	3,7	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	48144	114	
	4,4	**M7 (4m)**	5,5	42	1179	**34,28**	**VR473.1K-3E132S/4C**	50583	124	
	5,4	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50127	124	
	4,0	**M8 (5m)**	4,0	39	941	**37,64**	**VR573.1K-3E112M/4D**	79552	184	333
	4,5	**M8 (5m)**	5,5	43	1152	**33,46**	**VR573.1K-3E132S/4C**	80484	194	
	5,4	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

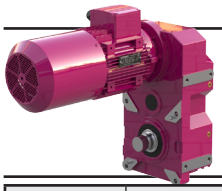


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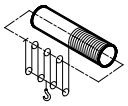
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø110	0,5	**M8 (5m)**	0,55	12	409	**121,67**	**VR373.1K-2E80M/4B**	22649	60	331
	0,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21885	61	
	0,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	0,8	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19898	64	
	0,9	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,1	**M8 (5m)**	1,1	25	393	**57,79**	**VR373.1K-3E90S/4C**	17892	64	
	1,2	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17448	66	
	1,5	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	1,8	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	1,9	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,3	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	14113	73	
	2,7	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø120	0,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22649	61	331
	0,6	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,7	**M8 (5m)**	0,75	15	435	**94,32**	**VR373.1K-3E80M/4D**	20798	61	
	0,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,0	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,2	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17892	66	
	1,3	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	1,6	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	16088	70	
	1,9	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,1	**M8 (5m)**	2,2	45	441	**32,11**	**VR373.1K-3E100L/4C**	14631	70	
	2,5	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	2,9	**M8 (5m)**	3,0	61	442	**23,58**	**VR373.1K-3E100L/4D**	13202	73	
Ø130	0,6	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	0,7	**M8 (5m)**	0,75	14	491	**106,69**	**VR373.1K-3E80M/4D**	21452	61	
	0,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20798	64	
	0,9	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,1	**M8 (5m)**	1,1	21	458	**67,45**	**VR373.1K-3E90S/4C**	18590	64	
	1,3	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,4	**M8 (5m)**	1,5	28	486	**52,30**	**VR373.1K-3E90L/4D**	17019	66	
	1,8	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,1	**M8 (5m)**	2,2	41	487	**35,49**	**VR373.1K-3E100L/4C**	14969	70	
	2,3	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14631	73	
	2,7	**M8 (5m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	13658	73	
	3,1	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16552	77	
Ø140	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	0,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	0,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,0	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,2	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18590	66	
	1,4	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,5	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	1,9	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,2	**M8 (5m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	14969	73	
	2,5	**M8 (5m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	14100	73	
	2,9	**M7 (4m)**	3,0	53	515	**27,53**	**VR373.1K-3E100L/4D**	17168	73	
	3,4	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø150	0,7	**M8 (5m)**	0,75	12	558	**121,67**	**VR373.1K-3E80M/4D**	22157	61	331
	0,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	21452	64	
	0,9	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,1	**M8 (5m)**	1,1	18	538	**79,34**	**VR373.1K-3E90S/4C**	19331	64	
	1,3	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,5	**M8 (5m)**	1,5	25	537	**57,79**	**VR373.1K-3E90L/4D**	17419	66	
	1,6	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	17019	70	
	2,1	**M8 (5m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	15491	70	
	2,4	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18757	73	
	2,7	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,1	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	3,6	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	

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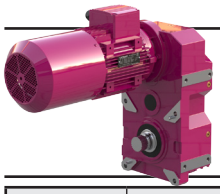
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	0,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,1	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	1,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,6	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	1,7	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	2,2	**M7 (4m)**	2,2	35	567	**41,42**	**VR373.1K-3E100L/4C**	19459	70	
	2,6	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	2,8	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,3	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	17168	77	
	3,9	**M7 (4m)**	4,0	61	590	**23,58**	**VR373.1K-3E112M/4D**	16064	77	
Ø170	0,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,0	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,2	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	1,4	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,7	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	1,8	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,3	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	2,7	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,0	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	3,5	**M7 (4m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	16599	77	
	4,1	**M6 (3m)**	5,5	61	811	**23,58**	**VR373.1K-3E132S/4C**	20128	87	
Ø180	0,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	1,0	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	1,1	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,3	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,5	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	70	
	1,8	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	2,0	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,5	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	2,9	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	3,2	**M7 (4m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	17776	77	
	3,7	**M6 (3m)**	4,0	53	687	**27,53**	**VR373.1K-3E112M/4D**	20857	77	

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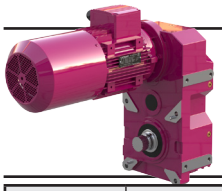


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	6,9	**M6 (3m)**	9,2	6,9	14186	**213,15**	**VR673.1K-3EC132M/4E**	126919	308	334
	7,8	**M6 (3m)**	9,2	7,8	12642	**189,61**	**VR673.1K-3EC132M/4E**	121867	308	
	9,1	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	11,0	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	12,3	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	14,5	**M5 (2m)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	130890	408	
	16,8	**M5 (2m)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	131235	418	
	19,5	**M5 (2m)**	30	19	13930	**76,17**	**VR673.1K-3E200L/4D**	139462	464	
	22,3	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	25,3	**M4 (1Am)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	135366	464	
	6,3	**M8 (5m)**	7,5	6,3	10684	**233,77**	**VR773.1K-3E132M/4D**	111776	423	335
	7,3	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117877	429	
	8,8	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	9,9	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	11,4	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	13,3	**M8 (5m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	15,2	**M8 (5m)**	18,5	15	11014	**97,55**	**VR773.1K-3E180M/4C**	139390	529	
	17,2	**M8 (5m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	142757	539	
	19,4	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153572	585	
	21,8	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	22,6	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	26,1	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	30,0	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	20,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	147005	965	336
	21,5	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	24,6	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	28,0	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	31,7	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø340	7,3	**M5 (2m)**	9,2	6,9	14186	**213,15**	**VR673.1K-3EC132M/4E**	153288	308	334
	8,2	**M5 (2m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	145907	359	
	9,7	**M5 (2m)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	141525	379	
	11,7	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	13,1	**M4 (1Am)**	18,5	12	13511	**119,86**	**VR673.1K-3E180M/4C**	148787	408	
	15,4	**M4 (1Am)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	143555	408	
	17,9	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	139901	418	
	20,7	**M4 (1Am)**	30	19	13930	**76,17**	**VR673.1K-3E200L/4D**	139462	464	
	23,6	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	6,7	**M8 (5m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	7,8	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117877	429	
	9,4	**M8 (5m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	125610	500	
	10,5	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	12,2	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	14,1	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	16,1	**M7 (4m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	150917	539	
	18,3	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	20,6	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153572	585	
	23,2	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	24,0	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	27,7	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	31,8	**M6 (3m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	15,3	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	336
	17,2	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	19,3	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	21,5	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	22,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	26,1	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	29,8	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	33,7	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225SM/4D**	147359	1065	

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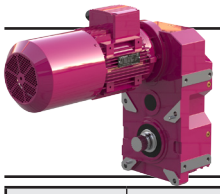


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	7,1	**M8 (5m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	8,3	**M8 (5m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	10,0	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144492	500	
	11,2	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	12,9	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	14,9	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	17,1	**M7 (4m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	150917	539	
	19,3	**M7 (4m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	151283	585	
	21,9	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	24,5	**M6 (3m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	25,4	**M6 (3m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	29,3	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	33,7	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	9,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	105849	825	336
	10,9	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	12,4	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4E**	125889	825	
	14,2	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	16,2	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	136405	890	
	18,2	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	20,4	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	22,8	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	24,2	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	27,6	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	31,5	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	35,7	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø380	7,5	**M7 (4m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	134569	429	335
	8,8	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	10,5	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144492	500	
	11,8	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	13,6	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	15,8	**M6 (3m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	161940	529	
	18,0	**M6 (3m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	20,4	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	162381	585	
	23,1	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	25,9	**M6 (3m)**	30	22	15431	**68,02**	**VR773.1K-3E200L/4D**	161310	621	
	26,8	**M6 (3m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	161288	621	
	31,0	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	35,6	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	10,3	**M8 (5m)**	15	8.6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	11,5	**M8 (5m)**	15	9.6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	13,1	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	15,0	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	17,1	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	136405	890	
	19,2	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	21,5	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	24,1	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	25,5	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	29,2	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	33,3	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	147829	1065	
	37,7	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø400	7,9	**M7 (4m)**	11	6,3	15666	**233,77**	**VR773.1K-3E160M/4C**	134569	480	335
	9,2	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	11,1	**M6 (3m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	12,4	**M6 (3m)**	15	9,9	13632	**148,95**	**VR773.1K-3E160L/4E**	162688	500	
	14,3	**M6 (3m)**	18,5	11	14532	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	16,6	**M6 (3m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	19,0	**M6 (3m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	160930	585	
	21,5	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	24,3	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170707	585	

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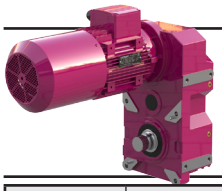


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø400	27,2	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	171417	621	335
	28,2	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	171366	621	
	32,6	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	645	
	37,5	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	10,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	12,1	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	13,8	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	15,8	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	18,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	20,3	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	22,7	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	25,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	26,8	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147568	1025	
	30,7	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	35,0	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	39,6	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	145524	1180	
Ø420	8,3	**M7 (4m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	134569	480	335
	9,7	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	11,6	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	13,0	**M6 (3m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	162688	529	
	15,1	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	17,4	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	177171	539	
	19,9	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	174430	585	
	22,5	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	25,5	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	28,6	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	171417	621	
	29,7	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	34,2	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	645	
	11,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	12,7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	14,4	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	16,6	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	130758	890	
	18,9	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	21,3	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	23,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	26,6	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144142	1025	
	28,2	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	32,2	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	36,8	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	41,6	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	145524	1180	
Ø440	8,7	**M6 (3m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	10,1	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	12,2	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	13,6	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	15,8	**M5 (2m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	18,3	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	20,9	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	174430	585	
	23,6	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	11,9	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	13,3	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	15,1	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	17,4	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	19,8	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	22,3	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	25,0	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	27,9	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144142	1025	

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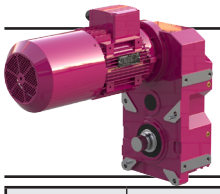


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	29,5	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	336
	33,8	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	38,5	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	43,6	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	
Ø450	8,9	**M6 (3m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	10,4	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	12,5	**M5 (2m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	186013	500	
	13,9	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	16,1	**M5 (2m)**	22	11	17286	**128,81**	**VR773.1K-3E180L/4D**	178134	539	
	18,7	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	21,4	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	174430	585	
	24,2	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	27,2	**M4 (1Am)**	30	19	14056	**76,29**	**VR773.1K-3E200L/4D**	182433	585	
	12,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	13,6	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	15,5	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	17,8	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	20,3	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	22,8	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	25,5	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	28,5	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	
	30,2	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	34,5	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	39,4	**M8 (5m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	145753	1180	
	44,6	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	

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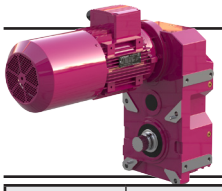


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	4,3	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	4,9	**M5 (2m)**	7,5	12	5802	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	5,8	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	7,0	**M5 (2m)**	9,2	17	5902	**87,90**	**VR573.1K-3EC132M/4E**	88253	210	
	8,0	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	9,0	**M4 (1Am)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	10,6	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	11,9	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	14,7	**M4 (1Am)**	18,5	35	4836	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	16,6	**M4 (1Am)**	22	39	5105	**37,64**	**VR573.1K-3E180L/4D**	92581	320	
	2,9	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	3,3	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	3,8	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	4,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	5,2	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	6,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	7,1	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	8,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	9,4	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	10,6	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø280	4,5	**M5 (2m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	5,1	**M5 (2m)**	7,5	12	5802	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	6,0	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	7,3	**M5 (2m)**	9,2	17	5902	**87,90**	**VR573.1K-3EC132M/4E**	88253	210	
	8,3	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	9,3	**M4 (1Am)**	15	21	6338	**69,00**	**VR573.1K-3E160L/4E**	96563	281	
	11,0	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	12,4	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	15,2	**M4 (1Am)**	18,5	35	4836	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	3,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	3,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	4,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	4,8	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	5,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	6,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	7,3	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	8,5	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	9,7	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	11,0	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø290	3,1	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	3,5	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	4,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	5,0	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	5,6	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	6,5	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	7,6	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	8,8	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	10,0	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	11,4	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø300	3,2	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	3,6	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	4,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	5,1	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	5,8	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	6,7	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	7,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	9,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	10,4	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	359	
	11,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** */ Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

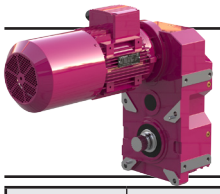


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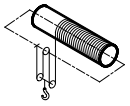
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	3,4	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	3,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,5	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	5,5	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	6,1	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	7,2	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	8,4	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	9,7	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	11,1	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	12,6	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø340	3,7	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	4,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,8	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	5,8	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	6,5	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	105009	308	
	7,7	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	8,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	10,3	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	11,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	13,4	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	13,9	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	148625	529	335
	15,9	**M8 (5m)**	22	30	6687	**49,45**	**VR773.1K-3E180L/4D**	146450	539	
Ø360	3,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	4,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	5,1	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	6,1	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	6,9	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	105009	308	
	8,1	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	9,5	**M8 (5m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	107995	379	
	10,9	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	12,5	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	14,2	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	10,9	**M8 (5m)**	15	18	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	335
	12,2	**M8 (5m)**	15	21	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	
	12,7	**M8 (5m)**	15	20	6048	**65,59**	**VR773.1K-3E160L/4E**	149571	500	
	14,7	**M8 (5m)**	18,5	25	6450	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	16,9	**M8 (5m)**	22	28	6687	**49,45**	**VR773.1K-3E180L/4D**	146450	539	
Ø380	4,1	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	4,6	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	5,4	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	6,5	**M8 (5m)**	9,2	11	9063	**134,51**	**VR673.1K-3EC132M/4E**	100878	308	
	7,3	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	101627	308	
	8,6	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	10,0	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	11,5	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	13,2	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	15,0	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	9,0	**M8 (5m)**	11	15	6571	**97,55**	**VR773.1K-3E160M/4C**	144234	480	335
	10,2	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	
	11,5	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	12,9	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	13,4	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	15,5	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	17,8	**M8 (5m)**	22	30	6687	**49,45**	**VR773.1K-3E180L/4D**	145304	539	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



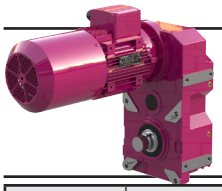
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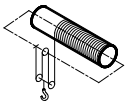
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,4	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,6	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,9	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	2,0	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	2,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,8	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	52109	114	
	3,2	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	3,6	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	4,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	4,7	**M6 (3m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	5,7	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	6,8	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	53215	191	
	1,2	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	1,3	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	1,5	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,8	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,2	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,5	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	2,8	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	3,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	3,7	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	4,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	5,2	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	5,8	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	6,9	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	80055	261	
Ø180	1,5	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,7	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,0	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	2,1	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	2,5	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	2,9	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	3,3	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51364	124	
	3,8	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	4,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	5,0	**M6 (3m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	6,0	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	7,3	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	51463	191	
	1,3	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,4	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,6	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,9	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	2,3	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,7	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	3,0	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	3,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	4,0	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	4,8	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	5,5	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	6,2	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	7,3	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79057	261	
Ø190	1,6	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,8	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	2,1	**M6 (3m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	50219	107	
	2,3	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	2,7	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	3,1	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	3,5	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51364	124	
	4,0	**M5 (2m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	52940	124	
	4,6	**M5 (2m)**	7,5	31	2197	**47,37**	**VR473.1K-3E132M/4D**	53333	134	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



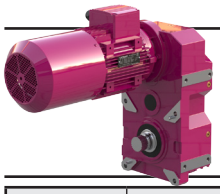
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	5,3	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	332
	6,4	**M5 (2m)**	9,2	43	2334	**34,28**	**VR473.1K-3EC132M/4E**	52780	140	
	7,7	**M4 (1Am)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53543	140	
	1,3	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,5	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,7	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,0	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	2,5	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,8	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,2	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	3,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	4,2	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,1	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	5,8	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	6,5	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	210	
	7,7	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø200	0,9	**M4(1Am)**	1,5	6,0	2199	**242,68**	**VR473.1K-3E90L/4D**	85467	103	332
	1,1	**M4(1Am)**	1,5	6,7	1953	**215,03**	**VR473.1K-3E90L/4D**	74756	103	
	1,3	**M4(1Am)**	1,5	8,3	1603	**174,97**	**VR473.1K-3E90L/4D**	69031	103	
	1,5	**M4(1Am)**	2,2	9,3	2085	**154,63**	**VR473.1K-3E100L/4C**	64304	105	
	1,6	**M4(1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62680	105	
	1,4	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,6	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	2,1	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,6	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	3,0	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,3	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	3,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	4,4	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	5,4	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	6,1	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	6,9	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	210	
	8,1	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø210	1,5	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,9	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	2,2	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,7	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	3,1	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,5	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	4,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	4,6	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	5,6	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	6,4	**M8 (5m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	7,2	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	8,6	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	261	
Ø220	1,5	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	2,0	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	2,3	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,9	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	3,2	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	3,7	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	4,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	4,9	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	5,9	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	6,7	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	7,5	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	8,9	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79057	261	

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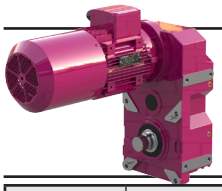


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,6	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,8	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	2,1	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	2,4	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	3,0	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	3,4	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	3,8	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	4,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	5,1	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	6,2	**M7 (4m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	7,0	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	7,9	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	9,3	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79057	281	
Ø240	1,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,9	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	2,2	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	2,5	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	184	
	3,1	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	3,5	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	4,0	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	4,7	**M8 (5m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	204	
	5,3	**M7 (4m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	6,5	**M7 (4m)**	9,2	34	2905	**42,62**	**VR573.1K-3EC132M/4E**	76984	210	
	7,3	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	8,3	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	9,8	**M7 (7m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79057	281	

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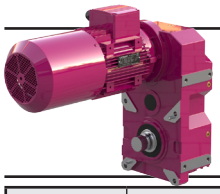


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	101	332
	1,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	105	
	1,3	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	105	
	1,6	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,8	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	2,1	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	2,4	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,7	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	114	
	3,1	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	3,8	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	4,6	**M7 (4m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	50316	134	
	3,0	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	333
	3,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	194	
	3,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	4,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80637	204	
Ø180	1,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,1	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,4	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,7	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,9	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	2,2	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	2,5	**M8 (5m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	48020	114	
	2,9	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,3	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	4,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	4,9	**M7 (4m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	50316	134	
	3,2	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	333
	3,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	184	
	4,1	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	4,9	**M8 (5m)**	7,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø190	1,0	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,2	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,4	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,5	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,8	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	107	
	2,0	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	2,3	**M7 (4m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	
	2,7	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	50346	114	
	3,1	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,5	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	4,2	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	5,1	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,5	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76851	184	333
	2,8	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	3,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	5,1	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø200	1,1	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,2	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	1,5	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,6	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,9	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

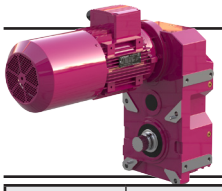


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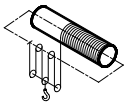
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	2,1	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	332
	2,5	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	2,8	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	3,7	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	4,5	**M6 (3m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	51856	124	
	5,4	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,2	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	333
	2,6	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76851	184	
	2,9	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	4,1	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,6	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	5,4	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø210	1,2	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,3	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	1,6	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,7	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	2,0	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	107	
	2,3	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,6	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	2,9	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,4	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	3,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	4,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	5,7	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,8	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	2,1	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,3	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,7	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	3,1	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	3,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,3	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	4,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	5,7	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø220	1,2	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	1,4	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,6	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,7	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	2,1	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,7	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	3,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,5	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	4,1	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	4,9	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	5,9	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	67706	174	333
	1,9	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	70215	177	
	2,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	71396	177	
	2,4	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	73543	177	
	2,9	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	73976	184	
	3,2	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	75648	184	
	3,9	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	75555	194	
	4,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	76931	194	
	5,0	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	76818	204	
	6,0	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	77985	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



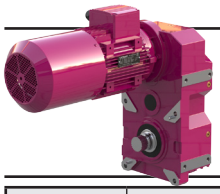
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,3	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	1,4	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,7	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,8	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	2,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,5	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	2,8	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	3,2	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	3,7	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50918	124	
	4,2	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	5,1	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	1,6	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	2,0	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	
	2,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	3,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	3,4	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77685	194	
	4,1	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	5,3	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	6,2	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80066	210	
Ø240	1,3	**M7 (4m)**	2,2	10	8870	**138,35**	**VR473.1K-3E100L/4C**	46308	105	332
	1,5	**M7 (4m)**	2,2	12	6523	**121,49**	**VR473.1K-3E100L/4C**	42455	105	
	1,8	**M7 (4m)**	3,0	14	6696	**101,48**	**VR473.1K-3E100L/4D**	45273	107	
	1,9	**M7 (4m)**	3,0	15	4875	**95,87**	**VR473.1K-3E100L/4D**	47509	107	
	2,2	**M7 (4m)**	3,0	18	2442	**81,00**	**VR473.1K-3E100L/4D**	48201	107	
	2,6	**M7 (4m)**	4,0	21	2393	**70,59**	**VR473.1K-3E112M/4D**	49237	114	
	2,9	**M6 (3m)**	4,0	24	1945	**61,85**	**VR473.1K-3E112M/4D**	51126	114	
	3,4	**M6 (3m)**	5,5	27	2252	**54,35**	**VR473.1K-3E132S/4C**	51683	124	
	3,9	**M6 (3m)**	5,5	31	1655	**47,37**	**VR473.1K-3E132S/4C**	50893	124	
	4,4	**M6 (3m)**	5,5	35	1345	**41,50**	**VR473.1K-3E132S/4C**	51446	124	
	5,3	**M6 (3m)**	7,5	43	1511	**34,28**	**VR473.1K-3E132M/4D**	50725	134	
	1,1	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	1,3	**M8 (5m)**	2,2	10,1	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	1,4	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,7	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	2,1	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	3,1	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	3,5	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77685	194	
	4,3	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	4,9	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	5,5	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	6,5	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80066	210	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

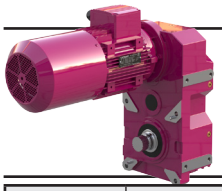


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,6	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	0,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	0,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	0,9	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	19331	66	
	1,1	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,3	**M8 (5m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	17419	70	
	1,4	**M8 (5m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	16268	70	
	1,8	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	2,1	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	2,3	**M7 (4m)**	3,0	45	601	**32,11**	**VR373.1K-3E100L/4D**	17776	73	
	2,7	**M7 (4m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	16576	77	
	3,2	**M6 (3m)**	4,0	62	586	**23,58**	**VR373.1K-3E112M/4D**	20096	77	
	1,6	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	332
	1,8	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49635	107	
	2,2	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	2,6	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø140	0,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	22157	64	331
	0,7	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	0,8	**M8 (5m)**	1,1	15	637	**94,32**	**VR373.1K-3E90S/4C**	20127	64	
	1,0	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,2	**M8 (5m)**	1,5	21	625	**67,45**	**VR373.1K-3E90L/4D**	18038	66	
	1,4	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,5	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	1,9	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	19459	73	
	2,2	**M7 (4m)**	3,0	41	664	**35,49**	**VR373.1K-3E100L/4D**	18171	73	
	2,5	**M7 (4m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	17776	77	
	2,9	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	3,4	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	20096	87	
	1,3	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	332
	1,5	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	1,7	**M8 (5m)**	2,2	31	649	**47,37**	**VR473.1K-3E100L/4C**	49234	105	
	1,9	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49635	107	
	2,3	**M8 (5m)**	3,0	42	643	**34,28**	**VR473.1K-3E100L/4D**	49419	107	
	2,8	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø150	0,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	0,8	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	
	0,9	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	66	
	1,1	**M8 (5m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	18684	66	
	1,3	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	22632	70	
	1,5	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,6	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,1	**M7 (4m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	18777	73	
	2,4	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22766	77	
	2,7	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	22235	77	
	3,1	**M6 (3m)**	4,0	53	682	**27,53**	**VR373.1K-3E112M/4D**	20825	77	
	3,6	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	1,2	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	332
	1,4	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	
	1,6	**M8 (5m)**	2,2	27	743	**54,35**	**VR473.1K-3E100L/4C**	48786	105	
	1,8	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	49234	107	
	2,1	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	49048	107	
	2,5	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	49419	114	
	3,0	**M8 (5m)**	4,0	51	708	**28,45**	**VR473.1K-3E112M/4D**	49221	114	
Ø160	0,7	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	0,9	**M8 (5m)**	1,1	14	719	**106,69**	**VR373.1K-3E90S/4C**	20694	64	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

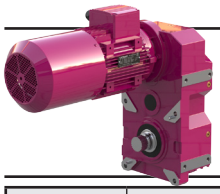


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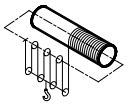
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø160	1,0	**M8 (5m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	20127	66	331
	1,1	**M7 (4m)**	1,5	18	733	**79,34**	**VR373.1K-3E90L/4D**	23507	66	
	1,4	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	1,6	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,7	**M7 (4m)**	2,2	28	713	**52,30**	**VR373.1K-3E100L/4C**	20523	70	
	2,2	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	2,6	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22766	77	
	2,8	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	3,3	**M6 (3m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	20825	87	
	3,9	**M6 (3m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	19369	87	
	1,1	**M8 (5m)**	1,5	18	750	**95,87**	**VR473.1K-3E90L/4D**	47006	99	332
	1,3	**M8 (5m)**	2,2	21	961	**81,00**	**VR473.1K-3E100L/4C**	47676	105	
	1,5	**M8 (5m)**	2,2	24	844	**70,59**	**VR473.1K-3E100L/4C**	48265	105	
	1,7	**M8 (5m)**	2,2	27	743	**61,85**	**VR473.1K-3E100L/4C**	48786	105	
	1,9	**M8 (5m)**	3,0	31	885	**54,35**	**VR473.1K-3E100L/4D**	49234	107	
	2,2	**M8 (5m)**	3,0	35	777	**47,37**	**VR473.1K-3E100L/4D**	49048	107	
	2,7	**M8 (5m)**	4,0	42	857	**41,50**	**VR473.1K-3E112M/4D**	49419	114	
	3,2	**M8 (5m)**	5,5	51	974	**34,28**	**VR473.1K-3E132S/4C**	49221	124	
Ø170	0,8	**M8 (5m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	21295	64	331
	0,9	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25966	66	
	1,0	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,2	**M7 (4m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	23507	70	
	1,4	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	1,7	**M7 (4m)**	2,2	25	787	**57,79**	**VR373.1K-3E100L/4C**	20975	70	
	1,8	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	25686	73	
	2,3	**M6 (3m)**	3,0	35	773	**41,42**	**VR373.1K-3E100L/4D**	23590	73	
	2,7	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	3,0	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	3,5	**M6 (3m)**	5,5	53	938	**27,53**	**VR373.1K-3E132S/4C**	20825	87	
	4,1	**M5 (2m)**	5,5	62	805	**23,58**	**VR373.1K-3E132S/4C**	24468	87	
	1,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	46400	99	332
	1,0	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	47006	99	
	1,2	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47676	105	
	1,4	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	48265	105	
	1,6	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48786	105	
	1,8	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48565	107	
	2,0	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	49048	107	
	2,3	**M8 (5m)**	3,0	35	777	**41,50**	**VR473.1K-3E100L/4D**	48811	107	
	2,8	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	49221	114	
	3,4	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	49247	124	
Ø180	0,8	**M7 (4m)**	1,1	12	818	**121,67**	**VR373.1K-3E90S/4C**	26779	64	331
	1,0	**M7 (4m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	25966	66	
	1,1	**M7 (4m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	24440	66	
	1,3	**M7 (4m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	23507	70	
	1,5	**M7 (4m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	21667	70	
	1,8	**M6 (3m)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	26295	73	
	2,0	**M6 (3m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	24827	73	
	2,5	**M6 (3m)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	23590	77	
	2,9	**M6 (3m)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	22034	77	
	3,2	**M6 (3m)**	4,0	45	802	**32,11**	**VR373.1K-3E112M/4D**	21572	77	
	0,7	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	0,8	**M8 (5m)**	1,1	12	820	**121,49**	**VR473.1K-3E90S/4C**	45238	99	
	1,0	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,1	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



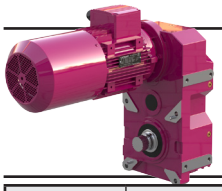
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø180	1,7	**M8 (5m)**	2,2	24	844	**61,85**	**VR473.1K-3E100L/4C**	48265	105	332
	1,9	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48786	107	
	2,2	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	2,5	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	114	
	3,0	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	3,6	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	49221	124	
Ø190	0,9	**M6 (3m)**	1,5	12	1116	**121,67**	**VR373.1K-3E90L/4D**	33431	66	331
	1,0	**M6 (3m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	31495	66	
	1,1	**M5 (2m)**	1,5	15	869	**94,32**	**VR373.1K-3E90L/4D**	38350	66	
	1,4	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	1,6	**M5 (2m)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	34244	70	
	1,9	**M5 (2m)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	32982	73	
	2,1	**M5 (2m)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	31317	73	
	2,6	**M4 (1Am)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	37091	77	
	3,0	**M4 (1Am)**	4,0	41	885	**35,49**	**VR373.1K-3E112M/4D**	34923	77	
	0,8	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	44067	99	332
	0,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	45238	101	
	1,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	45331	101	
	1,1	**M8 (5m)**	1,5	15	886	**95,87**	**VR473.1K-3E90L/4D**	46400	101	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,7	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	48265	107	
	2,0	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,3	**M8 (5m)**	3,0	31	885	**47,37**	**VR473.1K-3E100L/4D**	48565	107	
	2,6	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	49048	114	
	3,2	**M8 (5m)**	4,0	42	857	**34,28**	**VR473.1K-3E112M/4D**	48811	114	
	3,8	**M8 (5m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	48468	124	
Ø200	0,9	**M5 (2m)**	1,5	12	1116	**121,67**	**VR373.1K-3E90L/4D**	41793	66	331
	1,1	**M5 (2m)**	1,5	14	981	**106,69**	**VR373.1K-3E90L/4D**	39534	66	
	1,2	**M5 (2m)**	2,2	15	1275	**94,32**	**VR373.1K-3E100L/4C**	38350	70	
	1,4	**M5 (2m)**	2,2	18	1075	**79,34**	**VR373.1K-3E100L/4C**	35580	70	
	1,7	**M4 (1Am)**	2,2	21	916	**67,45**	**VR373.1K-3E100L/4C**	42870	70	
	2,0	**M4 (1Am)**	3,0	25	1073	**57,79**	**VR373.1K-3E100L/4D**	40270	73	
	2,2	**M4 (1Am)**	3,0	28	972	**52,30**	**VR373.1K-3E100L/4D**	39309	73	
	2,7	**M4 (1Am)**	4,0	35	1031	**41,42**	**VR373.1K-3E112M/4D**	36239	77	
	0,8	**M8 (5m)**	1,1	10	931	**138,35**	**VR473.1K-3E90S/4C**	55152	99	332
	0,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	53814	101	
	1,1	**M8 (5m)**	1,5	14	937	**101,48**	**VR473.1K-3E90L/4D**	52347	101	
	1,2	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	51433	105	
	1,4	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	49025	105	
	1,6	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	48878	105	
	1,8	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49109	107	
	2,1	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48665	107	
	2,4	**M8 (5m)**	4,0	31	1180	**47,37**	**VR473.1K-3E112M/4D**	48628	114	
	2,7	**M8 (5m)**	4,0	35	1036	**41,50**	**VR473.1K-3E112M/4D**	48144	114	
	3,3	**M8 (5m)**	5,5	42	1179	**34,28**	**VR473.1K-3E132S/4C**	48638	124	
	4,0	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50127	124	
	4,0	**M8 (5m)**	5,5	49	976	**28,30**	**VR573.1K-3E132S/4C**	80663	194	333

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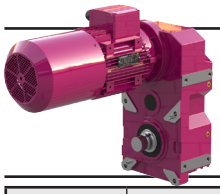
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	9,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	10,3	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	11,7	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	13,4	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	130718	890	
	15,3	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134685	965	
	17,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	19,3	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	21,6	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	144128	1025	
	22,9	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	26,1	**M8 (5m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	148175	1065	
	29,7	**M8 (5m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	33,8	**M8 (5m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	143228	1180	
Ø360	9,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	10,9	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	12,4	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	14,2	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	16,2	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134685	965	
	18,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	20,5	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	22,9	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	24,2	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	27,7	**M8 (5m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	31,5	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	154747	1180	
	35,8	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø380	10,3	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	11,5	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	13,1	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	15,0	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128730	965	
	17,1	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	19,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	21,6	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	24,1	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	25,6	**M8 (5m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	145207	1065	
	29,2	**M7 (4m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	33,2	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	154747	1180	
	37,8	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152131	1310	
Ø400	10,8	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	12,1	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	13,8	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	15,8	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128730	965	
	18,0	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	20,3	**M8 (5m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	135943	1025	
	22,8	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	25,4	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152246	1065	
	26,9	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	155035	1065	
	30,8	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	35,0	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	39,8	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152131	1310	
Ø420	11,4	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	12,7	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	113850	890	
	14,5	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	16,6	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	18,9	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	21,3	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	148742	1025	
	23,9	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	26,7	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152246	1065	
	28,2	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	32,3	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	36,7	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	41,7	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	147553	1310	

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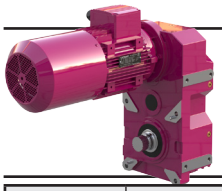
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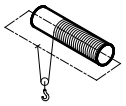
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø440	11,9	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	19280	875	336
	13,3	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	20601	890	
	15,2	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	18019	965	
	17,4	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	21431	965	
	19,8	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	18947	965	
	22,4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	20687	1025	
	25,0	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	18498	1025	
	27,9	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	20225	1065	
	29,6	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	19043	1065	
	33,8	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	20380	1180	
	38,5	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	17955	1310	
	43,7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	21573	1310	
Ø460	12,5	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	13,9	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	15,9	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	18,2	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	20,7	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144946	1025	
	23,4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	26,2	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	29,2	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	30,9	**M7 (4m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	35,4	**M6 (3m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	40,2	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	45,7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø480	13,0	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	14,5	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	16,6	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	19,0	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	21,6	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144946	1025	
	24,4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	27,3	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	30,5	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	32,3	**M6 (3m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	36,9	**M6 (3m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	42,0	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	47,7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



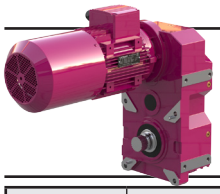
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	3,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	3,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	4,0	**M8 (5m)**	7,5	9,0	7392	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	4,8	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	5,4	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	6,3	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	7,3	**M8 (5m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	107995	379	
	8,5	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	108017	379	
	9,7	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	11,1	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	9,5	**M8 (5m)**	15	22	6275	**68,02**	**VR773.1K-3E160L/4E**	149785	500	335
	9,9	**M8 (5m)**	15	22	6046	**65,59**	**VR773.1K-3E160L/4E**	149571	500	
	11,4	**M8 (5m)**	18,5	26	6448	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	13,1	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	146450	539	
Ø300	3,2	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	3,6	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	4,3	**M8 (5m)**	7,5	9,0	7392	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	5,1	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	5,7	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	101611	308	
	6,8	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	7,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	9,1	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	10,4	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	11,9	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	7,1	**M8 (5m)**	11	15	6571	**97,55**	**VR773.1K-3E160M/4C**	144234	480	335
	8,0	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	
	9,0	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	10,2	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	10,6	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	12,2	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	14,0	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø320	3,5	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	3,9	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	4,6	**M8 (5m)**	7,5	9,0	7392	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	5,5	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	6,1	**M7 (4m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	112605	308	
	7,2	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	8,4	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	9,7	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	11,1	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	12,6	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124887	418	
	5,7	**M8 (5m)**	9,2	11	8673	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	335
	6,6	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	7,6	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	8,6	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	9,7	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	10,9	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	11,3	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	13,0	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147287	539	
	14,9	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145304	585	
Ø340	3,7	**M8 (5m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	83481	302	334
	4,1	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	4,8	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	5,8	**M7 (4m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	
	6,5	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	

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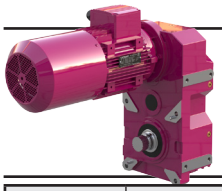


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	7,7	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	334
	8,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	10,3	**M7 (4m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	116054	408	
	11,8	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	13,5	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124887	418	
	5,2	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	135735	429	335
	6,1	**M8 (5m)**	9,2	11	8673	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	
	7,0	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	8,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	9,1	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	10,3	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	11,6	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	12,0	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	13,8	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	15,9	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145304	585	
Ø360	3,9	**M8 (5m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	83481	302	334
	4,4	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	5,1	**M7 (4m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	110822	308	
	6,2	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	6,9	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	8,1	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	111606	379	
	9,5	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	10,9	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	124542	408	
	12,5	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	14,2	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123235	418	
	4,1	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	335
	5,0	**M8 (5m)**	7,5	8,8	7635	**166,50**	**VR773.1K-3E132M/4D**	129558	423	
	5,5	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	6,4	**M8 (5m)**	11	11	8673	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	7,4	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	8,5	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	9,6	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	10,9	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	12,3	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	12,7	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	14,6	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	16,9	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø380	4,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	4,6	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	5,4	**M7 (4m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	110822	308	
	6,5	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	7,3	**M7 (4m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	112605	379	
	8,6	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	10,0	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	11,6	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	13,2	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	15,0	**M6 (3m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	123235	464	
	3,7	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	4,4	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	5,2	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129558	429	
	5,9	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	6,8	**M8 (5m)**	11	11	8673	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	7,9	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	9,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	10,2	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	11,5	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	12,9	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148206	539	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

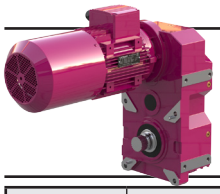


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	13,4	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	148050	539	335
	15,5	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	17,7	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø400	4,3	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	4,9	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	5,7	**M7 (4m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	106274	308	
	6,8	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	7,7	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124533	379	
	9,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	10,6	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	12,2	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	13,9	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	121840	418	
	3,9	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	4,6	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	5,5	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129558	429	
	6,2	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	7,1	**M8 (5m)**	11	11	8673	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	8,3	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	9,5	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	10,7	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	12,1	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	13,6	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	14,1	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	16,3	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	18,7	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø420	4,5	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	5,1	**M7 (4m)**	9,2	7,7	12729	**189,61**	**VR673.1K-3EC132M/4E**	107207	308	
	6,0	**M6 (3m)**	9,2	9,0	10841	**161,66**	**VR673.1K-3EC132M/4E**	122614	308	
	7,2	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	8,1	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124533	379	
	9,5	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	11,1	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	12,7	**M6 (3m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	122399	418	
	14,6	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	4,1	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	4,8	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	5,8	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125704	429	
	6,5	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	7,5	**M8 (5m)**	15	11	11826	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	8,7	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	9,9	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	11,3	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	12,7	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145676	539	
	14,3	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	14,8	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	17,1	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	19,7	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	

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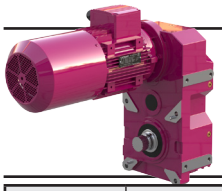


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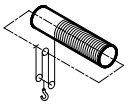
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,6	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	1,8	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	2,1	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	65923	184	
	2,5	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	3,0	**M8 (5m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,4	**M7 (4m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	3,8	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	79709	204	
	4,5	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	5,1	**M7 (4m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	80785	210	
	6,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	7,1	**M6 (3m)**	11	39	2553	**37,64**	**VR573.1K-3E160M/4C**	85573	261	
	7,9	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	86236	281	
	9,4	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	85552	281	
	3,0	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	334
	3,5	**M8 (5m)**	5,5	19	2580	**76,17**	**VR673.1K-3E132S/4C**	113887	292	
	4,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	115595	302	
	4,5	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	1,7	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	1,9	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	2,2	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	65923	184	
	2,6	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	3,1	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,5	**M7 (4m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	4,0	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	79709	204	
	4,7	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	5,3	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	86002	210	
	6,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	7,4	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	8,3	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	9,8	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	85552	281	
	3,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	334
	3,6	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	4,1	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	4,7	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø250	1,7	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	2,0	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	61061	184	
	2,3	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	64656	184	
	2,7	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	3,3	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,7	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	4,2	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	4,9	**M7 (4m)**	7,5	25	3953	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	5,5	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	6,7	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	7,6	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	8,6	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	10,2	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	2,8	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	110887	292	334
	3,3	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	3,8	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	4,3	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	4,9	**M8 (5m)**	7,5	25	3965	**58,54**	**VR673.1K-3E132M/4D**	116121	359	
Ø260	1,8	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	2,1	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E100L/4D**	61061	184	
	2,3	**M7 (4m)**	4,0	11	3126	**126,81**	**VR573.1K-3E112M/4D**	74221	184	

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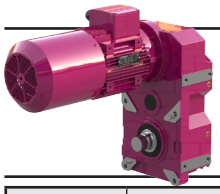
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	2,8	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	333
	3,4	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	3,9	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	4,3	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	5,1	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	5,7	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	7,0	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	7,9	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	8,9	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	10,6	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	2,5	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	334
	2,9	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	110887	292	
	3,4	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	3,9	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	4,5	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	5,1	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø270	1,9	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	2,1	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	72265	184	
	2,4	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	2,9	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	3,5	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	4,0	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	4,5	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	5,3	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	6,0	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	7,3	**M6 (3m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	84838	281	
	8,3	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	9,3	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	11,0	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	2,3	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	334
	2,6	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	3,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,5	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	4,1	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	4,7	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	5,3	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø280	1,9	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	2,2	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	2,5	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	3,0	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	3,7	**M7 (4m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	76399	204	
	4,1	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	4,7	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	5,5	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	6,2	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	7,6	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	8,6	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	9,7	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	11,4	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,5	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	1,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,0	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	2,4	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	2,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	3,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,7	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	4,2	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	4,8	**M8 (5m)**	7,5	22	3081	**66,59**	**VR673.1K-3E132M/4D**	114515	302	
	5,5	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

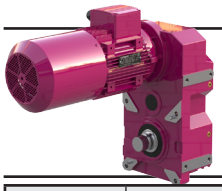


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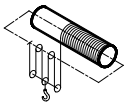
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	2,0	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	2,3	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	2,6	**M7 (4m)**	5,5	11	4269	**126,81**	**VR573.1K-3E132S/4C**	74221	194	
	3,1	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	3,8	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	204	
	4,3	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	4,8	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	5,7	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	6,4	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	7,9	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	8,9	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	10,0	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	11,8	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,5	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	1,7	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,0	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	2,5	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	2,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	3,3	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,8	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	4,4	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	5,0	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114515	308	
	5,7	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	
Ø300	2,1	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	2,4	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	2,7	**M7 (4m)**	5,5	11	4269	**126,81**	**VR573.1K-3E132S/4C**	74221	194	
	3,2	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	3,9	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	204	
	4,4	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	5,0	**M6 (3m)**	9,2	21	4663	**69,00**	**VR573.1K-3EC132M/4E**	84618	210	
	5,9	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	6,7	**M5 (2m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	8,1	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	9,2	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	10,3	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	12,2	**M5 (2m)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	88712	320	
	1,6	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	1,8	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	2,1	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	2,6	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	2,9	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	3,4	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	3,9	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	4,5	**M8 (5m)**	7,5	19	3518	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	5,2	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114515	308	
	5,9	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



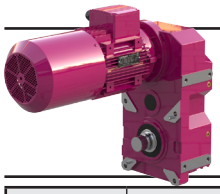
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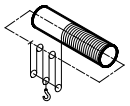
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,3	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,3	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,1	**M7 (4m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	2,4	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,7	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	3,1	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,8	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	4,6	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,5	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	1,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,9	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	2,2	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,5	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	3,0	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,5	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,9	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	4,6	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	1,0	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	1,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,3	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,4	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	1,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,9	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	2,2	**M7 (4m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	2,5	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,9	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	4,0	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	4,9	**M6 (3m)**	7,5	51	1942	**28,45**	**VR473.1K-3E132M/4D**	51208	191	
	1,6	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	333
	1,8	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	2,4	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,6	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	3,2	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	4,1	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,9	**M8 (5m)**	7,5	52	1933	**28,30**	**VR573.1K-3E132M/4D**	80055	261	
Ø190	1,0	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	47684	105	332
	1,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,4	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	1,5	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	1,8	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,0	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	2,3	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,7	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	3,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	4,2	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	5,1	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	0,9	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	1,0	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	1,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



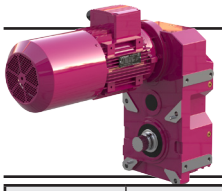
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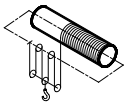
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,3	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	1,6	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,9	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,1	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	2,5	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76226	184	
	2,8	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	3,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,9	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	4,4	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	5,1	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø200	1,1	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,2	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,5	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	1,6	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,9	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	2,1	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,5	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,8	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	3,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,7	**M6 (3m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	4,5	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	5,4	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	0,9	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	1,1	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,2	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,4	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,7	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,0	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	2,2	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,6	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	2,9	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,6	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	4,1	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	4,6	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	5,4	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø210	1,2	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,3	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,6	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,7	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	2,0	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	2,3	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,6	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51361	124	
	3,0	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	3,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,9	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	53672	134	
	4,7	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	5,6	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	51463	140	
	1,0	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,1	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,5	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,8	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,1	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	2,3	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	3,1	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,8	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	4,3	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	4,8	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	5,7	**M8 (5m)**	9,2	51	1932	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



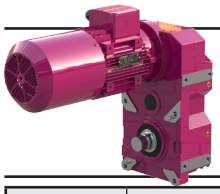
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø220	1,2	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,4	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,6	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	50219	107	
	1,7	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	2,1	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	2,4	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,7	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51361	124	
	3,1	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	52940	124	
	3,5	**M5 (2m)**	7,5	31	2197	**47,37**	**VR473.1K-3E132M/4D**	53333	134	
	4,1	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	
	4,9	**M5 (2m)**	9,2	43	1591	**34,28**	**VR473.1K-3EC132M/4E**	52775	140	
	5,9	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53543	140	
	1,0	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,2	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,3	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,6	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,9	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	2,2	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,4	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,2	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,9	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,5	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	5,0	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79274	210	
	6,0	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø230	1,3	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62819	105	332
	1,4	**M4 (1Am)**	3,0	12	2236	**121,49**	**VR473.1K-3E100L/4D**	61623	107	
	1,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,2	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,4	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,6	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,0	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	2,2	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,5	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	3,0	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,4	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	4,1	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	5,3	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79274	210	
	6,2	**M7 (4m)**	11	52	1933	**28,30**	**VR573.1K-3E160M/4C**	82814	261	
Ø240	1,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,3	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,4	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	1,7	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	2,1	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	2,3	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,6	**M8 (5m)**	5,5	21	2356	**69,00**	**VR573.1K-3E132S/4C**	74870	194	
	3,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,5	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	4,3	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,9	**M8 (5m)**	9,2	39	2570	**37,64**	**VR573.1K-3EC132M/4E**	78195	210	
	5,5	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	82099	210	
	6,5	**M7 (4m)**	11	52	1933	**28,30**	**VR573.1K-3E160M/4C**	82814	261	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

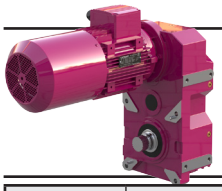


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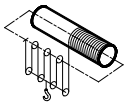
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	101	332
	0,8	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	105	
	1,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	46400	105	
	1,2	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,4	**M8 (5m)**	2,2	21	961	**70,59**	**VR473.1K-3E100L/4C**	47676	105	
	1,6	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	1,8	**M8 (5m)**	3,0	27	1013	**54,35**	**VR473.1K-3E100L/4D**	48020	107	
	2,1	**M8 (5m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	48565	114	
	2,3	**M8 (5m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	48313	114	
	2,8	**M7 (5m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	3,4	**M7 (4m)**	5,5	51	974	**28,45**	**VR473.1K-3E132S/4C**	50316	124	
	2,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E112M/4D**	79521	194	333
	2,9	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,4	**M8 (5m)**	5,5	52	970	**28,30**	**VR573.1K-3E132S/4C**	80637	194	
Ø180	0,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	44067	101	332
	0,8	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	45331	105	
	1,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	1,7	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	1,9	**M8 (5m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	48020	114	
	2,2	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,5	**M7 (4m)**	4,0	35	1029	**41,50**	**VR473.1K-3E112M/4D**	50379	114	
	3,0	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	3,6	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	134	
	2,4	**M8 (5m)**	4,0	34	1056	**42,62**	**VR573.1K-3E112M/4D**	78483	184	333
	2,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79521	194	
	3,1	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,6	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	204	
Ø190	0,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	0,9	**M8 (5m)**	1,5	12	1118	**121,49**	**VR473.1K-3E90L/4D**	44393	101	
	1,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,1	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,3	**M8 (5m)**	2,2	18	1100	**81,00**	**VR473.1K-3E100L/4C**	47006	105	
	1,5	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	47676	107	
	1,7	**M8 (5m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	47395	107	
	2,0	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	50346	114	
	2,3	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,6	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	3,2	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	3,8	**M7 (4m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	50316	134	
	2,1	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	78210	184	333
	2,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	2,9	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,3	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	3,8	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80637	204	
Ø200	0,8	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	0,9	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	1,1	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,2	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,4	**M8 (5m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	47006	107	
	1,6	**M8 (5m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	46685	107	
	1,8	**M7 (4m)**	3,0	24	1151	**61,85**	**VR473.1K-3E100L/4D**	49876	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



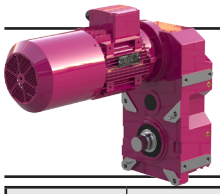
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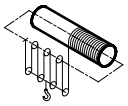
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø200	2,1	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	50346	114	332
	2,4	**M7 (4m)**	4,0	31	1172	**47,37**	**VR473.1K-3E112M/4D**	49917	114	
	2,8	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	50379	124	
	3,3	**M7 (4m)**	5,5	43	1171	**34,28**	**VR473.1K-3E132S/4C**	49854	124	
	4,0	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	2,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76851	184	333
	2,2	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77685	184	
	2,7	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78483	194	
	3,0	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,4	**M8 (5m)**	5,5	44	1144	**33,46**	**VR573.1K-3E132S/4C**	79948	194	
	4,1	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø210	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,0	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	1,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,2	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	107	
	1,7	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	1,9	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	2,2	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	2,5	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	2,9	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	3,5	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	4,2	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	75564	177	333
	1,7	**M8 (5m)**	4,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	76851	184	
	2,0	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	77685	184	
	2,3	**M8 (5m)**	5,5	28	1295	**51,97**	**VR573.1K-3E112M/4D**	77840	194	
	2,8	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	78953	194	
	3,2	**M8 (5m)**	7,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	79948	204	
	3,6	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	80066	204	
	4,3	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80199	204	
Ø220	0,9	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	1,0	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	1,2	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,3	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,8	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,0	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	2,3	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	2,7	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	3,0	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,7	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	4,4	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71396	177	333
	1,6	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73543	177	
	1,8	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	73976	177	
	2,1	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	75648	184	
	2,4	**M8 (5m)**	4,0	28	1295	**51,97**	**VR573.1K-3E112M/4D**	75555	184	
	3,0	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	76931	194	
	3,3	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78149	194	
	3,8	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	77985	204	
	4,5	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	78029	204	
Ø230	0,9	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	1,1	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,3	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



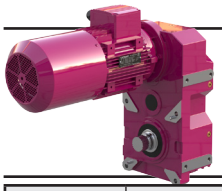
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	1,4	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	332
	1,6	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,9	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	2,1	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	2,4	**M7 (4m)**	4,0	27	1351	**54,35**	**VR473.1K-3E112M/4D**	49389	114	
	2,8	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	52173	124	
	3,2	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,8	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	4,6	**M6 (3m)**	7,5	51	1328	**28,45**	**VR473.1K-3E132M/4D**	51205	134	
	1,2	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	1,5	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	
	1,7	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,9	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	2,2	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,5	**M8 (5m)**	5,5	28	1781	**51,97**	**VR573.1K-3E132S/4C**	77685	194	
	3,1	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,5	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	3,9	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,7	**M8 (5m)**	7,5	52	1322	**28,30**	**VR573.1K-3E132M/4D**	80066	204	
Ø240	1,0	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	54193	105	332
	1,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	56302	105	
	1,3	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	55299	105	
	1,4	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	53959	107	
	1,7	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	50871	107	
	1,9	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50609	114	
	2,2	**M7 (4m)**	4,0	24	1535	**61,85**	**VR473.1K-3E112M/4D**	49674	114	
	2,5	**M6 (3m)**	5,5	27	1857	**54,35**	**VR473.1K-3E132S/4C**	52498	124	
	2,9	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50987	124	
	3,3	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51249	124	
	4,0	**M6 (3m)**	7,5	43	1597	**34,28**	**VR473.1K-3E132M/4D**	50483	134	
	1,3	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	1,6	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,8	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	2,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	2,3	**M8 (5m)**	4,0	25	1452	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,6	**M8 (5m)**	5,5	28	1781	**51,97**	**VR573.1K-3E132S/4C**	77685	194	
	3,2	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	4,1	**M8 (5m)**	7,5	44	1560	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,9	**M8 (5m)**	9,2	52	1940	**28,30**	**VR573.1K-3EC132M/4E**	80066	210	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



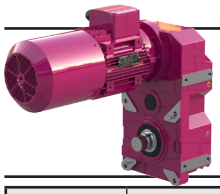
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	9,8	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	336
	10,9	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	12,4	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121311	965	
	14,3	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	16,3	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144923	970	
	18,3	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	20,5	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	22,8	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	24,2	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	152342	1065	
	27,8	**M7 (4m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	151965	1180	
	31,7	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	35,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø380	10,3	**M8 (5m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	99554	890	336
	11,5	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	13,1	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	15,1	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	17,2	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144923	970	
	19,3	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	21,7	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	24,1	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	25,5	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	162664	1180	
	29,3	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161462	1180	
	33,4	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156363	1310	
	37,8	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø400	10,9	**M8 (5m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	96646	890	336
	12,1	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133124	890	
	13,8	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	15,9	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	18,1	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	20,4	**M7 (4m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	145627	1065	
	22,8	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	25,4	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	160601	1180	
	26,9	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159288	1180	
	30,9	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161462	1310	
	35,2	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156363	1310	
	39,8	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø420	11,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	12,7	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133124	890	
	14,5	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	16,6	**M7 (4m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	140325	970	
	19,0	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	21,4	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	159360	1065	
	23,9	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	26,7	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	160601	1180	
	28,2	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159288	1180	
	32,4	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161462	1310	
	36,9	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156363	1310	
	41,8	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	
Ø440	12,0	**M7 (4m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	122290	890	336
	13,3	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	127139	890	
	15,2	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	17,4	**M7 (4m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	140325	970	
	19,9	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	156901	970	
	22,4	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155795	1065	
	25,1	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	158349	1180	
	27,9	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157021	1180	
	29,6	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159288	1180	
	33,9	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	155563	1310	
	38,7	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	166532	1310	
	43,8	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



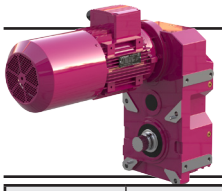
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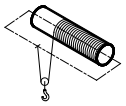
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø460	12,5	**M7 (4m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	122901	890	336
	13,9	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	127139	890	
	15,9	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	18,2	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	23,4	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	156901	1065	
	26,2	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	155793	1180	
	29,2	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	158347	1180	
	30,9	**M5 (2m)**	75	21	31760	**69,01**	**VR873.1K-4E280S/4D**	157024	1310	
	35,5	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	170512	1310	
	40,4	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	165849	1310	
	45,8	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166537	1370	
Ø480	13,1	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	14,5	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	16,6	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155606	970	
	19,0	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	24,4	**M6 (3m)**	55	16	30689	**91,16**	**VR873.1K-3E250M/4D**	156901	1180	
	27,3	**M5 (2m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	171049	1180	
	30,5	**M5 (2m)**	75	20	33663	**73,09**	**VR873.1K-4E280S/4D**	167962	1310	
	32,3	**M5 (2m)**	75	21	31760	**69,01**	**VR873.1K-4E280S/4D**	169288	1310	
	37,0	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	170512	1310	
	42,2	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	165849	1370	
	47,8	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166537	1370	
Ø500	13,6	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	15,1	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	17,3	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155606	970	
	19,8	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	174392	970	
	25,5	**M5 (2m)**	45	14	25109	**91,16**	**VR873.1K-3E225M/4D**	171049	1065	
	28,5	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	31,7	**M5 (2m)**	55	18	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	33,6	**M5 (2m)**	75	20	31760	**69,01**	**VR873.1K-4E280S/4D**	163755	1310	
	38,6	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-4E280S/4D**	176717	1310	
	44,0	**M4 (1Am)**	75	25	24353	**53,03**	**VR873.1K-4E280S/4D**	177292	1310	
	49,8	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-4E280M/4E**	174140	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



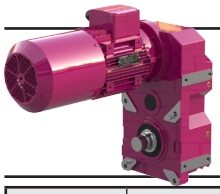
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	3,2	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	104696	302	334
	3,6	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	4,3	**M7 (4m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	
	5,1	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	5,8	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	6,8	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	7,9	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	123378	379	
	9,1	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	10,4	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123710	418	
	11,9	**M6 (3m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	123235	464	
	3,0	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	3,4	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	4,1	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	4,6	**M8 (5m)**	9,2	9,9	9999	**148,95**	**VR773.1K-3EC132M/4E**	132254	429	
	5,4	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	6,2	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	7,1	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	8,1	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	9,1	**M8 (5m)**	18,5	19	8641	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	10,2	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148191	539	
	10,6	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	148034	539	
	12,2	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145986	585	
	14,1	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	3,5	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	3,9	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	4,5	**M7 (4m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	106246	308	
	5,5	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	6,1	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	7,2	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	8,4	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	9,7	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	11,1	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	121840	418	
	12,7	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	130962	464	
	3,1	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	3,7	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	4,4	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	4,9	**M8 (5m)**	9,2	9,9	9999	**148,95**	**VR773.1K-3EC132M/4E**	132254	429	
	5,7	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	6,6	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	7,6	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	8,6	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	9,7	**M8 (5m)**	18,5	19	8641	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	10,9	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148191	539	
	11,3	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	13,0	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145986	585	
	15,0	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø340	3,7	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	4,1	**M7 (4m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	107152	308	
	4,8	**M6 (3m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	122575	308	
	5,8	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123203	379	
	6,5	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	7,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	8,9	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	10,3	**M6 (3m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	122393	418	
	11,8	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130268	464	
	13,5	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

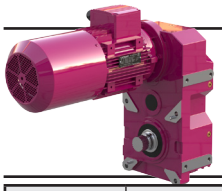


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	3,3	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	3,9	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	4,7	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	5,3	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	6,1	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	7,0	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	8,0	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	9,2	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	10,3	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	11,5	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	12,0	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146519	585	
	13,9	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	15,9	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø360	3,9	**M7 (4m)**	7,5	6,8	9705	**213,15**	**VR673.1K-3E132M/4D**	127019	302	334
	4,4	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	127223	308	
	5,1	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	6,2	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123203	379	
	6,9	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	8,1	**M6 (3m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	122100	408	
	9,5	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	10,9	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	131671	418	
	12,5	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130268	464	
	14,2	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	3,5	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	4,1	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	5,0	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	5,6	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	6,5	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	7,4	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	8,5	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	9,7	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	10,9	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	12,2	**M8 (5m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	146618	585	
	12,7	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146519	585	
	14,7	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	16,9	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
Ø380	4,1	**M6 (3m)**	9,2	6,8	14234	**213,15**	**VR673.1K-3EC132M/4E**	127019	308	334
	4,6	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	121919	308	
	5,4	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	6,5	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	118902	379	
	7,3	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	8,6	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	133758	408	
	10,0	**M5 (2m)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	131243	418	
	11,6	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	13,2	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	125993	464	
	15,0	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	3,7	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	4,4	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	5,3	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	5,9	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	6,8	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	7,9	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	9,0	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	10,2	**M8 (5m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	142772	539	
	11,5	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	143899	539	
	12,9	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	155561	585	
	13,4	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	15,5	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	17,8	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

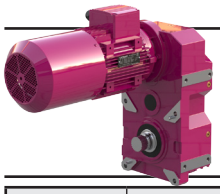


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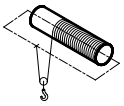
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	12,7	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	150258	965	336
	14,5	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	16,6	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	18,8	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	4,3	**M6 (3m)**	9,2	6,8	14234	**213,15**	**VR673.1K-3EC132M/4E**	127019	308	334
	4,9	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	121919	308	
	5,7	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	6,9	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	7,7	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	9,0	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	130898	408	
	10,5	**M5 (2m)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	131243	418	
	3,9	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	4,6	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	5,5	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	6,2	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	7,2	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	8,3	**M8 (5m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	9,5	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	10,8	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	153284	539	
	12,1	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	13,6	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	14,1	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	16,3	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151786	621	
	18,7	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	11,4	**M8 (5m)**	30	18	13483	**81,40**	**VR873.1K-3E200L/4D**	143570	965	336
	12,7	**M8 (5m)**	30	20	12765	**73,09**	**VR873.1K-3E200L/4D**	146980	965	
	13,4	**M8 (5m)**	30	21	11177	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	15,3	**M8 (5m)**	37	24	12095	**60,33**	**VR873.1K-3E225S/4C**	150256	1025	
	17,5	**M8 (5m)**	37	28	10693	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	19,8	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø420	4,5	**M5 (2m)**	9,2	6,8	14234	**213,15**	**VR673.1K-3EC132M/4E**	153401	308	334
	5,1	**M5 (2m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	145979	359	
	6,0	**M5 (2m)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	141576	379	
	7,2	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	8,1	**M5 (2m)**	18,5	12	13511	**119,86**	**VR673.1K-3E180M/4C**	134063	408	
	9,5	**M4 (1Am)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	11,0	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	139905	418	
	4,1	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	4,8	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	5,8	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	6,5	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	7,5	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	8,7	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	9,9	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	11,3	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	12,7	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	14,3	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	14,8	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	17,1	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151786	621	
	19,7	**M6 (3m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	9,4	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	336
	10,6	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	141084	890	
	11,9	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	13,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	14,1	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	

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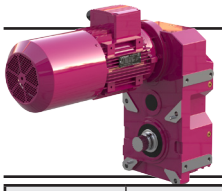
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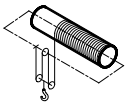
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	16,1	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	336
	18,3	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147840	1025	
	20,8	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	
Ø440	4,3	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	5,1	**M8 (5m)**	11	7,3	13445	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	6,1	**M8 (5m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	125657	500	
	6,8	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	7,9	**M7 (4m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	148048	500	
	9,1	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	10,4	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	11,8	**M7 (4m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	151295	585	
	13,4	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	14,9	**M6 (3m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	15,5	**M6 (3m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	8,7	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	132750	875	336
	9,9	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	
	11,1	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	12,5	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	13,9	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	14,7	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	16,8	**M8 (5m)**	37	24	13785	**60,33**	**VR873.1K-3E225S/4C**	150256	1025	
	19,2	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147840	1025	
	21,8	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	

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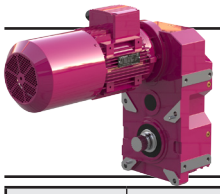


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,2	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	83697	194	333
	2,4	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	2,9	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	3,5	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	4,0	**M6 (3m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	83614	210	
	4,5	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89109	210	
	5,3	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,0	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	7,3	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	8,3	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	93900	311	
	9,3	**M4 (1Am)**	18,5	44	3809	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,0	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	1,4	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	1,6	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	96820	282	
	1,9	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	104667	292	
	2,6	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	109652	302	
	3,5	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,1	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112631	308	
	4,6	**M8 (5m)**	9,2	22	4488	**66,59**	**VR673.1K-3EC132M/4E**	112595	308	
	5,3	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	2,2	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	83697	194	333
	2,5	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,0	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	3,7	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	4,1	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	4,7	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89109	210	
	5,5	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,2	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	7,6	**M4 (1Am)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	93789	281	
	8,6	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	93900	311	
	9,7	**M4 (1Am)**	18,5	44	3809	**33,46**	**VR573.1K-3E180M/4C**	92854	311	
	11,4	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	1,5	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	1,7	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	96820	282	
	2,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	109652	302	
	3,7	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,2	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112631	308	
	4,8	**M8 (5m)**	9,2	22	4488	**66,59**	**VR673.1K-3EC132M/4E**	112595	308	
	5,5	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø290	2,3	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	2,6	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,1	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	3,8	**M5 (2m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,3	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	4,8	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89109	210	
	5,7	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	6,4	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	87774	281	
	7,8	**M4 (1Am)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	93789	281	
	8,9	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	10,0	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	

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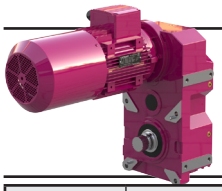


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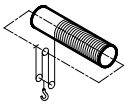
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	1,6	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	1,8	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	96820	282	
	2,1	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	2,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	3,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	3,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	4,4	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	5,0	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,7	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø300	2,4	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	2,7	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,2	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	81646	204	
	3,9	**M5 (2m)**	7,5	17	5922	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	4,4	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	5,0	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	5,9	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	6,6	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	8,1	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	9,2	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	10,3	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	1,6	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	1,8	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	2,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	2,9	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	3,4	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	3,9	**M8 (5m)**	7,5	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	302	
	4,5	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	5,2	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	5,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø310	2,5	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	2,8	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	3,3	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,0	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	4,6	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	5,2	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	6,1	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	6,9	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	8,4	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	9,5	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	10,7	**M4 (1Am)**	22	44	4530	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	1,7	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	1,9	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	2,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	3,0	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	3,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,0	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	4,7	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	5,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	6,1	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø320	2,6	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	2,9	**M6 (3m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	82997	204	
	3,4	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,2	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	4,7	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	5,3	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



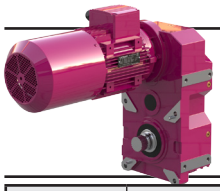
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	6,3	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	96061	281	333
	7,1	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	1,7	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	1,9	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	2,7	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	3,1	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	3,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,2	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	4,8	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	5,5	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	6,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø330	2,6	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	3,0	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	3,5	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,3	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	4,9	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	5,5	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	6,5	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	7,3	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	1,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	2,0	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,8	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	3,2	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	3,7	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,3	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	5,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	5,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	6,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø340	2,7	**M5 (2m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	3,1	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	3,6	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	4,4	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	88266	210	
	5,1	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	5,7	**M4 (1Am)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	6,7	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	7,5	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	1,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	2,1	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	2,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,9	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	3,3	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	3,8	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	4,4	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	108011	308	
	5,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	5,9	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	6,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

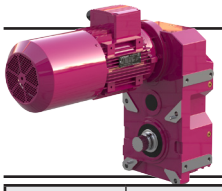


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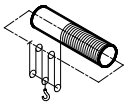
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,1	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,3	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,3	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,6	**M6 (3m)**	4,0	18	1987	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	1,8	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50876	114	
	2,1	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51364	124	
	2,4	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	2,7	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	3,1	**M5 (2m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	53672	134	
	3,8	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	4,6	**M5 (2m)**	9,2	52	1935	**28,45**	**VR473.1K-3EC132M/4E**	51472	140	
	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	0,9	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,2	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,5	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,7	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	1,9	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,2	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	2,5	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,1	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	3,5	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,9	**M8 (5m)**	7,5	44	2273	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	4,6	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79050	210	
Ø180	1,0	**M5 (2m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	56548	105	332
	1,1	**M5 (2m)**	3,0	12	2236	**121,49**	**VR473.1K-3E100L/4D**	56227	107	
	1,3	**M5 (2m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	54502	107	
	1,4	**M5 (2m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	54657	107	
	1,7	**M4 (1Am)**	4,0	18	1987	**81,00**	**VR473.1K-3E112M/4D**	58390	114	
	1,9	**M4 (1Am)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	56991	114	
	2,2	**M4 (1Am)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	57020	124	
	2,5	**M4 (1Am)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	55630	124	
	2,9	**M4 (1Am)**	7,5	31	2197	**47,37**	**VR473.1K-3E132M/4D**	55843	134	
	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	1,0	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,3	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,6	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	1,8	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,0	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	2,4	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,6	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,2	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,7	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	4,1	**M8 (5m)**	9,2	44	2273	**33,46**	**VR573.1K-3EC132M/4E**	79263	210	
	4,9	**M8 (5m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	82806	261	
Ø190	0,9	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,0	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,1	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	1,3	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,7	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	1,9	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,1	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	2,5	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,8	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,4	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,9	**M8 (5m)**	7,5	39	2561	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	4,3	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	5,1	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



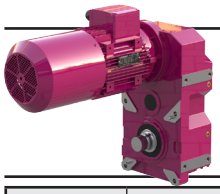
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	0,9	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,1	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,2	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	1,4	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,7	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,0	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,2	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	2,6	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,0	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	3,6	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,1	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	4,6	**M7 (4m)**	9,2	44	2273	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	5,4	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø210	1,0	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,1	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,3	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,5	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,8	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,1	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	2,3	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,8	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	3,1	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	3,8	**M7 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	4,3	**M7 (5m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	4,8	**M7 (5m)**	11	44	2273	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	5,7	**M7 (5m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79050	281	
Ø220	1,0	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,2	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	1,3	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,6	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	184	
	1,9	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,2	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	2,4	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,9	**M8 (5m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	204	
	3,2	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	3,9	**M7 (4m)**	9,2	34	2895	**42,62**	**VR573.1K-3EC132M/4E**	76984	210	
	4,5	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	5,0	**M7 (4m)**	11	44	2273	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	6,0	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79050	281	
Ø230	1,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,2	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	1,4	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,6	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	184	
	2,0	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	2,3	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	2,6	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	3,0	**M8 (5m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	204	
	3,4	**M7 (4m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	4,1	**M7 (4m)**	9,2	34	2895	**42,62**	**VR573.1K-3EC132M/4E**	76984	210	
	4,7	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	5,3	**M7 (4m)**	11	44	2273	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	6,2	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79050	281	
Ø240	1,1	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,3	**M8 (5m)**	3,0	10	2644	**143,35**	**VR573.1K-3E100L/4D**	61061	177	
	1,4	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,7	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	184	
	2,1	**M8 (5m)**	5,5	16	2991	**87,90**	**VR573.1K-3E132S/4C**	70510	194	
	2,4	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	71718	194	
	2,7	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

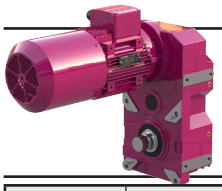


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	3,2	**M7 (4m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	204	333
	3,5	**M7 (4m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	4,3	**M7 (4m)**	9,2	34	2895	**42,62**	**VR573.1K-3EC132M/4E**	76984	210	
	4,9	**M7 (4m)**	11	39	2561	**37,64**	**VR573.1K-3E160M/4C**	76862	261	
	5,5	**M7 (4m)**	11	44	2273	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	6,5	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	77914	281	

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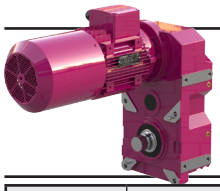


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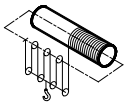
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	0,8	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	44393	105	
	1,0	**M8 (5m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	44091	105	
	1,0	**M8 (5m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	45228	105	
	1,2	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	49870	107	
	1,4	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	1,6	**M7 (4m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	1,8	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,1	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	2,3	**M7 (4m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	49286	124	
	2,9	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	3,4	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,2	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	333
	1,4	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	1,7	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76851	184	
	1,9	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	2,3	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,6	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	2,9	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	3,5	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø180	0,7	**M8 (5m)**	1,5	10	1269	**138,35**	**VR473.1K-3E90L/4D**	43107	101	332
	0,8	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	42914	105	
	1,0	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,1	**M7 (4m)**	2,2	15	1300	**95,87**	**VR473.1K-3E100L/4C**	48582	105	
	1,3	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,5	**M7 (4m)**	3,0	21	1311	**70,59**	**VR473.1K-3E100L/4D**	49343	107	
	1,7	**M7 (4m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	49876	114	
	1,9	**M7 (4m)**	4,0	27	1342	**54,35**	**VR473.1K-3E112M/4D**	49391	114	
	2,2	**M7 (4m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	49917	124	
	2,5	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,0	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	51856	134	
	3,6	**M6 (3m)**	7,5	51	1324	**28,45**	**VR473.1K-3E132M/4D**	51208	134	
	1,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	1,2	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	72098	177	
	1,3	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,5	**M8 (5m)**	3,0	21	1285	**69,00**	**VR573.1K-3E100L/4D**	75564	177	
	1,8	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,0	**M8 (5m)**	4,0	28	1286	**51,97**	**VR573.1K-3E112M/4D**	77651	184	
	2,4	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,7	**M8 (5m)**	5,5	39	1285	**37,64**	**VR573.1K-3E132S/4C**	78953	194	
	3,1	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79948	204	
	3,7	**M8 (5m)**	7,5	52	1318	**28,30**	**VR573.1K-3E132M/4D**	80055	204	
Ø190	0,8	**M8 (5m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	43107	105	332
	0,9	**M8 (5m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,1	**M7 (4m)**	2,2	14	1375	**101,48**	**VR473.1K-3E100L/4C**	47747	105	
	1,1	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	1,3	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,5	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	49343	114	
	1,8	**M7 (4m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	48788	114	
	2,0	**M7 (4m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	2,3	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,6	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,2	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	3,8	**M6 (3m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	51208	140	
	1,0	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	333
	1,2	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,4	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



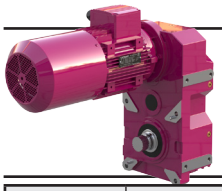
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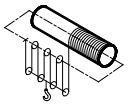
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	333
	1,9	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,1	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	2,6	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	2,9	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	3,3	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	3,8	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø200	0,8	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	47684	105	332
	0,9	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,1	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	1,2	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	48582	107	
	1,4	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,6	**M7 (4m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	48104	114	
	1,9	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,1	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	2,4	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,8	**M6 (3m)**	5,5	35	1414	**41,50**	**VR473.1K-3E132S/4C**	51410	124	
	3,4	**M6 (3m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	50648	134	
	4,0	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	0,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	0,8	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	63206	174	
	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,1	**M8 (5m)**	2,2	14	1457	**107,18**	**VR573.1K-3E100L/4C**	70000	174	
	1,3	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,5	**M8 (5m)**	3,0	19	1443	**77,63**	**VR573.1K-3E100L/4D**	73668	177	
	1,6	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	75564	184	
	2,0	**M8 (5m)**	4,0	25	1442	**58,36**	**VR573.1K-3E112M/4D**	76262	184	
	2,2	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	77651	194	
	2,7	**M8 (5m)**	5,5	34	1453	**42,62**	**VR573.1K-3E132S/4C**	77840	194	
	3,0	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78953	204	
	3,4	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,1	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	80055	210	
Ø210	0,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,0	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,2	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	1,2	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,5	**M7 (4m)**	3,0	18	1500	**81,00**	**VR473.1K-3E100L/4D**	48736	107	
	1,7	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	1,9	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51361	114	
	2,2	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	2,5	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,9	**M6 (3m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	3,5	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	4,2	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	51463	140	
	0,7	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	0,8	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,1	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,5	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	1,7	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76262	194	
	2,3	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,8	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	3,2	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	3,6	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,3	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



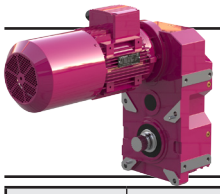
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	0,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,0	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,2	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,3	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,5	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	1,8	**M6 (3m)**	5,5	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	124	
	2,0	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51361	124	
	2,3	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	2,7	**M6 (3m)**	7,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	134	
	3,0	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	53672	134	
	3,7	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52775	134	
	4,4	**M5 (2m)**	9,2	51	1942	**28,45**	**VR473.1K-3EC132M/4E**	51344	140	
	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	0,9	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,2	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,4	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,6	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	1,8	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,2	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76262	194	
	2,4	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,0	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	3,3	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	3,8	**M8 (5m)**	7,5	44	2280	**33,46**	**VR573.1K-3E132M/4D**	79274	204	
	4,5	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø230	0,9	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	1,1	**M6 (3m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	51366	105	
	1,3	**M6 (3m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	50219	107	
	1,4	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	1,6	**M6 (3m)**	4,0	18	2000	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	1,9	**M6 (3m)**	4,0	21	1748	**70,59**	**VR473.1K-3E112M/4D**	50870	114	
	2,1	**M5 (2m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	54122	124	
	2,4	**M5 (2m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	52940	124	
	2,8	**M5 (2m)**	7,5	31	2197	**47,37**	**VR473.1K-3E132M/4D**	53333	134	
	3,2	**M5 (2m)**	7,5	35	1929	**41,50**	**VR473.1K-3E132M/4D**	52214	134	
	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	0,9	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,0	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,2	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,5	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,7	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,9	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,3	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75379	194	
	2,5	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,1	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,5	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	3,9	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79274	210	
	4,7	**M8 (5m)**	9,2	52	1933	**28,30**	**VR573.1K-3EC132M/4E**	79057	210	
Ø240	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	170	333
	1,0	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	1,1	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,3	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,6	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	1,8	**M8 (5m)**	4,0	19	1925	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	2,0	**M8 (5m)**	4,0	21	1713	**69,00**	**VR573.1K-3E112M/4D**	74870	184	
	2,4	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75379	194	
	2,6	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	3,2	**M8 (5m)**	7,5	34	1981	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,7	**M8 (5m)**	7,5	39	1752	**37,64**	**VR573.1K-3E132M/4D**	78195	204	
	4,1	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79274	210	
	4,9	**M7 (4m)**	11	52	1933	**28,30**	**VR573.1K-3E160M/4C**	82814	261	

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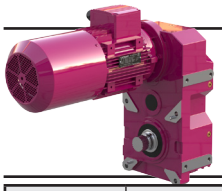


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	9,8	**M7 (4m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	122983	890	336
	10,9	**M7 (4m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	127098	890	
	12,4	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	14,3	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	154104	970	
	18,3	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	156890	1065	
	20,6	**M6 (3m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	155794	1180	
	22,9	**M6 (3m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	158348	1180	
	24,3	**M6 (3m)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	157033	1310	
	27,8	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	159301	1310	
	31,7	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	165862	1310	
	35,9	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166546	1370	
Ø380	10,3	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	154500	890	336
	11,5	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	152412	890	
	13,1	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155500	970	
	15,1	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	154104	970	
	19,3	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	156890	1065	
	21,7	**M5 (2m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	155794	1180	
	25,7	**M5 (2m)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	169292	1310	
	29,4	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	170518	1310	
	33,4	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	165862	1370	
	37,8	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166546	1370	
Ø400	10,9	**M6 (3m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	148197	890	336
	12,1	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	152412	890	
	13,8	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155500	970	
	15,9	**M5 (2m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	174372	970	
	20,4	**M5 (2m)**	45	14	25126	**91,16**	**VR873.1K-3E225M/4D**	171051	1065	
	22,9	**M5 (2m)**	55	16	27367	**81,40**	**VR873.1K-3E250M/4D**	167961	1180	
	25,5	**M5 (2m)**	55	18	24603	**73,09**	**VR873.1K-3E250M/4D**	169292	1180	
	27,0	**M5 (2m)**	75	20	31589	**69,01**	**VR873.1K-4E280S/4D**	163784	1310	
	30,9	**M4 (1Am)**	75	21	27660	**60,33**	**VR873.1K-4E280S/4D**	176729	1310	
	35,2	**M4 (1Am)**	75	25	24353	**53,03**	**VR873.1K-4E280S/4D**	177299	1310	
	39,8	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-4E280M/4E**	174140	1370	
Ø420	11,4	**M5 (2m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	188270	890	336
	14,5	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	175314	970	
	21,4	**M4 (1Am)**	55	14	30710	**91,16**	**VR873.1K-3E250M/4D**	175314	1180	
	28,4	**M4 (1Am)**	75	20	31589	**69,01**	**VR873.1K-4E280S/4D**	182603	1310	
	32,5	**M4 (1Am)**	75	21	27660	**60,33**	**VR873.1K-4E280S/4D**	175265	1310	
	36,9	**M4 (1Am)**	90	25	29223	**53,03**	**VR873.1K-4E280M/4E**	175712	1370	

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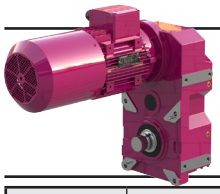


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	3,4	**M6 (3m)**	9,2	6,9	14186	**213,15**	**VR673.1K-3EC132M/4E**	126919	308	334
	3,9	**M6 (3m)**	9,2	7,8	12642	**189,61**	**VR673.1K-3EC132M/4E**	121867	308	
	4,6	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	5,5	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	6,1	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	7,3	**M5 (2m)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	130890	408	
	8,4	**M5 (2m)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	131235	418	
	9,7	**M5 (2m)**	30	19	13930	**76,17**	**VR673.1K-3E200L/4D**	139462	464	
	11,1	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	12,7	**M4 (1Am)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	135366	464	
	3,1	**M8 (5m)**	7,5	6,3	10684	**233,77**	**VR773.1K-3E132M/4D**	111776	423	335
	3,7	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117877	429	
	4,4	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	5,0	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	5,7	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	6,6	**M8 (5m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	7,6	**M8 (5m)**	18,5	15	11014	**97,55**	**VR773.1K-3E180M/4C**	139390	529	
	8,6	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	153266	539	
	9,7	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153572	585	
	10,9	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	11,3	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	13,0	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	15,0	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	9,1	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	336
	10,1	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	147005	965	
	10,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	12,3	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	14,0	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	15,9	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø340	3,7	**M5 (2m)**	9,2	6,9	14186	**213,15**	**VR673.1K-3EC132M/4E**	153288	308	334
	4,1	**M5 (2m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	145907	359	
	4,9	**M5 (2m)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	141525	379	
	5,8	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	6,6	**M4 (1Am)**	18,5	12	13511	**119,86**	**VR673.1K-3E180M/4C**	148787	408	
	7,7	**M4 (1Am)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	143555	408	
	8,9	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	139901	418	
	10,3	**M4 (1Am)**	30	19	13930	**76,17**	**VR673.1K-3E200L/4D**	139462	464	
	11,8	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	3,3	**M8 (5m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	3,9	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117877	429	
	4,7	**M8 (5m)**	11	8,8	15217	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	5,3	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	6,1	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	7,1	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	8,1	**M7 (4m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	150917	539	
	9,1	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	10,3	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153572	585	
	11,6	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	12,0	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	13,9	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	15,9	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	7,7	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	336
	8,6	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	141051	890	
	9,6	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	10,8	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	11,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	13,1	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	

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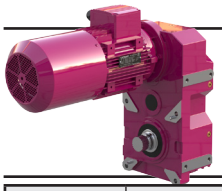


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	3,5	**M8 (5m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	4,2	**M8 (5m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	5,0	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144492	500	
	5,6	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	6,5	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	7,5	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	8,5	**M7 (4m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	150917	539	
	9,7	**M7 (4m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	151283	585	
	10,9	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	12,3	**M6 (3m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	12,7	**M6 (3m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	14,7	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	160988	621	
	16,9	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	6,2	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4E**	125889	825	336
	7,1	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	8,1	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	136405	890	
	9,1	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	10,2	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	11,4	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	12,1	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	13,8	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	15,8	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	17,8	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø380	3,7	**M7 (4m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	134569	429	335
	4,4	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	5,3	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144492	500	
	5,9	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	6,8	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	7,9	**M6 (3m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	9,0	**M6 (3m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	10,2	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	162381	585	
	11,5	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	12,9	**M6 (3m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	161310	621	
	13,4	**M6 (3m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	161288	621	
	15,5	**M5 (2m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	17,8	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	5,1	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	5,7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	6,5	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	7,5	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	8,6	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	136405	890	
	9,6	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	10,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	12,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	12,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	14,6	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	16,6	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	147829	1065	
	18,8	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø400	3,9	**M7 (4m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	134569	480	335
	4,6	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	5,5	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	6,2	**M6 (3m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	162688	500	
	7,2	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	163612	529	
	8,3	**M6 (3m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	9,5	**M6 (3m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	160930	585	
	10,7	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	12,1	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	13,6	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	171417	621	
	14,1	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	171366	621	
	16,3	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	645	
	18,7	**M5 (2m)**	45	30	13673	**49,45**	**VR773.1K-3E225M/4D**	165440	645	

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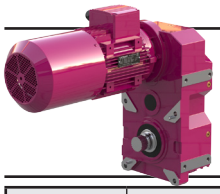


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø400	5,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	6,0	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	6,9	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	7,9	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	9,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	10,1	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	11,3	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	12,7	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	13,4	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147568	1025	
	15,4	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	17,5	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	19,8	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	145520	1180	
Ø420	4,1	**M7 (4m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	134569	480	335
	4,8	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	5,8	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	6,5	**M6 (3m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	162688	529	
	7,5	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	8,7	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	177171	539	
	10,0	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	174430	585	
	11,3	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	12,7	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	14,3	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	171417	621	
	14,8	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	17,1	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	645	
	5,7	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	6,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	7,2	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	8,3	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	130758	890	
	9,5	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	10,6	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	11,9	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	13,3	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144142	1025	
	14,1	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	16,1	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	18,4	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	20,8	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	145520	1180	
Ø440	4,3	**M6 (3m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	5,1	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	6,1	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	6,8	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	7,9	**M5 (2m)**	22	11	17286	**128,81**	**VR773.1K-3E180L/4D**	178134	539	
	9,1	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	10,4	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	174430	585	
	11,8	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	6,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	6,6	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	7,6	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	8,7	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	9,9	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	11,1	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	12,5	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	13,9	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144142	1025	
	14,8	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	16,9	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	19,2	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	21,8	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	

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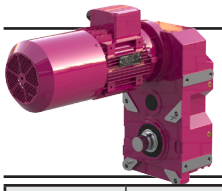


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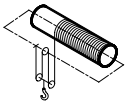
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø450	4,4	**M6 (3m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	5,2	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	6,2	**M5 (2m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	186013	500	
	7,0	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	8,1	**M5 (2m)**	22	11	17286	**128,81**	**VR773.1K-3E180L/4D**	178134	539	
	9,3	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	10,7	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	169296	585	
	12,1	**M4 (1Am)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	182960	585	
	6,1	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	6,8	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	7,7	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	8,9	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	10,1	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	11,4	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	12,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	14,3	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	
	15,1	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	17,3	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	19,7	**M8 (5m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	145753	1180	
	22,3	**M7 (4m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	

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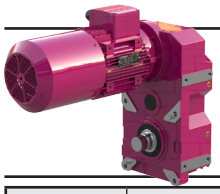
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,2	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	2,4	**M5 (2m)**	7,5	12	5802	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	2,9	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	3,5	**M5 (2m)**	9,2	17	5902	**87,90**	**VR573.1K-3EC132M/4E**	88253	210	
	4,0	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	4,5	**M4 (1Am)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	5,3	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	6,0	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	7,3	**M4 (1Am)**	18,5	35	4836	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	1,5	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	1,6	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,9	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,3	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,6	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	3,5	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	4,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	4,7	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	5,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø280	2,2	**M5 (2m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	2,5	**M5 (2m)**	7,5	12	5802	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	3,0	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	91993	204	
	3,7	**M5 (2m)**	9,2	17	5902	**87,90**	**VR573.1K-3EC132M/4E**	97955	210	
	4,1	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	97086	261	
	4,7	**M4 (1Am)**	15	21	6338	**69,00**	**VR573.1K-3E160L/4E**	96563	281	
	5,5	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	6,2	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	7,6	**M4 (1Am)**	18,5	35	4836	**42,62**	**VR573.1K-3E180M/4C**	92299	311	
	1,5	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	1,7	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	2,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,4	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,7	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,1	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	3,7	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	4,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	4,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	5,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø290	1,6	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	1,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	2,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,5	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,8	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,3	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	3,8	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	4,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	5,0	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	5,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø300	1,6	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	1,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	2,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,9	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,4	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	3,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	4,5	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	5,2	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	359	
	5,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

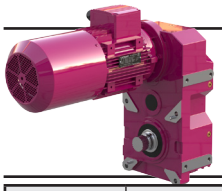


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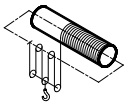
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	1,7	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	1,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	2,7	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	3,1	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	3,6	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	4,2	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	4,8	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	5,5	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	6,3	**M8 (5m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	112560	408	
Ø340	1,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	2,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,4	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	2,9	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	3,3	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	3,8	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	4,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	5,2	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	108017	379	
	5,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	6,7	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	5,8	**M8 (5m)**	15	22	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	335
	6,0	**M8 (5m)**	15	22	6048	**65,59**	**VR773.1K-3E160L/4E**	149571	500	
	6,9	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	148625	529	
	8,0	**M8 (5m)**	18,5	30	5623	**49,45**	**VR773.1K-3E180M/4C**	146450	529	
Ø360	1,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	2,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,6	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	3,1	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	3,4	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	4,1	**M8 (5m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	4,7	**M8 (5m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	107995	379	
	5,4	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	6,2	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	7,1	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	5,4	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	335
	6,1	**M8 (5m)**	15	22	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	
	6,3	**M8 (5m)**	18,5	22	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	7,3	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	8,4	**M8 (5m)**	22	30	6687	**49,45**	**VR773.1K-3E180L/4D**	146450	539	
Ø380	2,1	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	2,3	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	2,7	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	3,2	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100878	308	
	3,6	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	101611	308	
	4,3	**M7 (4m)**	11	14	6865	**102,10**	**VR673.1K-3E160M/4C**	114895	359	
	5,0	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	5,7	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	6,6	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	7,5	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	4,5	**M8 (5m)**	11	15	6571	**97,55**	**VR773.1K-3E160M/4C**	144234	480	335
	5,1	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	
	5,7	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	6,4	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	6,7	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	7,7	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	8,9	**M8 (5m)**	22	30	6687	**49,45**	**VR773.1K-3E180L/4D**	145304	539	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



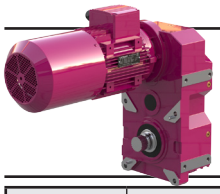
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,2	**M8 (5m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	61061	184	333
	1,4	**M8 (5m)**	4,0	12	3105	**126,81**	**VR573.1K-3E112M/4D**	64601	184	
	1,6	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	2,0	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,3	**M7 (4m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	2,6	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78317	204	
	3,0	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	3,4	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	86002	210	
	4,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	4,7	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	5,3	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	6,3	**M5 (2m)**	18,5	52	3229	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	1,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	334
	2,0	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,3	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	2,6	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,0	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	1,1	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	1,3	**M8 (5m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	61061	184	
	1,4	**M8 (5m)**	4,0	12	3105	**126,81**	**VR573.1K-3E112M/4D**	64601	184	
	1,7	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	2,1	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,4	**M7 (4m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	2,7	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78317	204	
	3,1	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	3,5	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	4,3	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	4,9	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	5,5	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	6,5	**M5 (2m)**	18,5	52	3229	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	1,8	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	334
	2,1	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,4	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	2,8	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,1	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø250	1,2	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	1,3	**M8 (5m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	61061	184	
	1,5	**M7 (4m)**	4,0	12	3105	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	1,8	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	2,2	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	2,5	**M7 (4m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	2,8	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,3	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	3,7	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	4,5	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	5,1	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	5,7	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	6,8	**M5 (2m)**	18,5	52	3229	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	1,4	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	334
	1,6	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,9	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,2	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,5	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,9	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,3	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

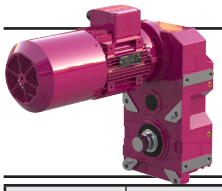


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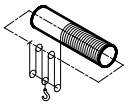
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	1,2	**M8 (5m)**	3,0	8,9	3014	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	1,4	**M7 (4m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,6	**M7 (4m)**	4,0	12	3105	**126,81**	**VR573.1K-3E112M/4D**	74153	184	
	1,9	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	2,3	**M7 (4m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	76399	204	
	2,6	**M6 (3m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,9	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,4	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	3,8	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	4,7	**M6 (3m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	5,3	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	6,0	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	7,1	**M5 (2m)**	18,5	52	3229	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,5	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	334
	1,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	1,9	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,3	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	2,6	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	3,4	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø270	1,3	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	1,4	**M7 (4m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,6	**M7 (4m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	74153	194	
	1,9	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	2,4	**M7 (4m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	204	
	2,7	**M6 (3m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,0	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84603	204	
	3,5	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	4,0	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	4,9	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	5,5	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	6,2	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	7,4	**M5 (2m)**	18,5	52	3229	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	1,1	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,3	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	1,5	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	2,0	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,4	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	2,7	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,1	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114493	308	
	3,5	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	
Ø280	1,3	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	1,5	**M7 (4m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,7	**M7 (4m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	74153	194	
	2,0	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	2,4	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	204	
	2,8	**M6 (3m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,1	**M6 (3m)**	9,2	21	4663	**69,00**	**VR573.1K-3EC132M/4E**	84603	210	
	3,7	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	4,1	**M5 (2m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	5,0	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	5,7	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	6,5	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	7,6	**M5 (2m)**	22	52	3840	**28,30**	**VR573.1K-3E180L/4D**	88712	320	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



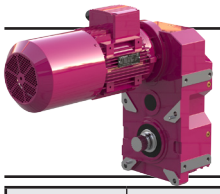
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	1,1	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,3	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	1,6	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	2,1	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,4	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	2,8	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,2	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114493	308	
	3,7	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	
Ø290	1,3	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	1,5	**M7 (4m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,7	**M7 (4m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	74153	194	
	2,1	**M6 (3m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	2,5	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	82510	204	
	2,9	**M6 (3m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,2	**M6 (3m)**	9,2	21	4663	**69,00**	**VR573.1K-3EC132M/4E**	84603	210	
	3,8	**M6 (3m)**	11	25	3953	**58,36**	**VR573.1K-3E160M/4C**	83203	261	
	4,3	**M5 (2m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	5,2	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	5,9	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	6,7	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	7,9	**M4 (1Am)**	22	52	3840	**28,30**	**VR573.1K-3E180L/4D**	93058	320	
	1,0	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	1,2	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,4	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	100927	282	
	1,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	104756	292	
	1,8	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,2	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,5	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	110508	302	
	2,9	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,3	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114493	308	
	3,8	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	
Ø300	1,6	**M7 (4m)**	4,0	10	3502	**143,35**	**VR573.1K-3E112M/4D**	70836	184	333
	1,8	**M7 (4m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	74153	194	
	2,1	**M6 (3m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	2,6	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	82510	204	
	3,0	**M6 (3m)**	7,5	19	3572	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	3,3	**M6 (3m)**	9,2	21	4663	**69,00**	**VR573.1K-3EC132M/4E**	84603	210	
	3,9	**M5 (2m)**	11	25	3953	**58,36**	**VR573.1K-3E160M/4C**	89422	261	
	4,4	**M5 (2m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	5,4	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	6,1	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	6,9	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	88180	311	
	8,2	**M4 (1Am)**	22	52	3840	**28,30**	**VR573.1K-3E180L/4D**	93058	320	
	1,1	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	1,2	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,4	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	100927	282	
	1,7	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	104756	292	
	1,9	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,3	**M8 (5m)**	7,5	14	4697	**102,10**	**VR673.1K-3E132M/4D**	109652	302	
	2,6	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	110508	302	
	3,0	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	3,4	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	112610	308	
	3,9	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

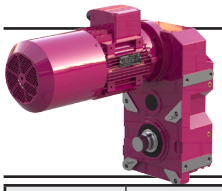


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,7	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	0,8	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,0	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	47747	107	
	1,0	**M7 (4m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	47242	107	
	1,2	**M7 (4m)**	4,0	18	1987	**81,00**	**VR473.1K-3E112M/4D**	48736	114	
	1,4	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50876	114	
	1,6	**M6 (3m)**	4,0	24	1524	**61,85**	**VR473.1K-3E112M/4D**	51364	114	
	1,8	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	51795	124	
	2,1	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,4	**M6 (3m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	51410	134	
	2,9	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	3,4	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	53215	140	
	0,6	**M8 (5m)**	1,5	8,9	1507	**163,77**	**VR573.1K-3E90L/4D**	56656	170	333
	0,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	0,9	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,1	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,3	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	1,4	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	1,7	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	1,9	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,3	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	2,6	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	2,9	**M8 (5m)**	7,5	44	1555	**33,46**	**VR573.1K-3E132M/4D**	79263	204	
	3,4	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79050	210	
Ø180	0,7	**M7 (4m)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	46004	105	332
	0,8	**M7 (4m)**	2,2	12	1640	**121,49**	**VR473.1K-3E100L/4C**	46991	105	
	1,0	**M7 (4m)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	46330	107	
	1,1	**M6 (3m)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	50784	107	
	1,3	**M6 (3m)**	4,0	18	1987	**81,00**	**VR473.1K-3E112M/4D**	51728	114	
	1,5	**M6 (3m)**	4,0	21	1736	**70,59**	**VR473.1K-3E112M/4D**	50876	114	
	1,7	**M6 (3m)**	5,5	24	2096	**61,85**	**VR473.1K-3E132S/4C**	51364	124	
	1,9	**M6 (3m)**	5,5	27	1845	**54,35**	**VR473.1K-3E132S/4C**	50368	124	
	2,2	**M6 (3m)**	5,5	31	1611	**47,37**	**VR473.1K-3E132S/4C**	50927	124	
	2,5	**M5 (2m)**	7,5	35	1922	**41,50**	**VR473.1K-3E132M/4D**	53672	134	
	3,0	**M5 (2m)**	7,5	43	1591	**34,28**	**VR473.1K-3E132M/4D**	52780	134	
	3,6	**M5 (2m)**	9,2	51	1935	**28,45**	**VR473.1K-3EC132M/4E**	51463	140	
	0,6	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	0,7	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,8	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	
	1,0	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	70000	177	
	1,2	**M8 (5m)**	3,0	16	1632	**87,90**	**VR573.1K-3E100L/4D**	71392	177	
	1,3	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	73668	184	
	1,5	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	1,8	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	76226	194	
	2,0	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,4	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	77840	204	
	2,7	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,1	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	210	
	3,6	**M8 (5m)**	9,2	52	1926	**28,30**	**VR573.1K-3EC132M/4E**	79050	210	
Ø190	0,8	**M4 (1Am)**	2,2	10	1862	**138,35**	**VR473.1K-3E100L/4C**	62680	105	332
	0,9	**M4 (1Am)**	3,0	12	2236	**121,49**	**VR473.1K-3E100L/4D**	61509	107	
	1,1	**M4 (1Am)**	3,0	14	1875	**101,48**	**VR473.1K-3E100L/4D**	59115	107	
	1,1	**M4 (1Am)**	3,0	15	1773	**95,87**	**VR473.1K-3E100L/4D**	58800	107	
	1,3	**M4 (1Am)**	4,0	18	1987	**81,00**	**VR473.1K-3E112M/4D**	58390	114	
	0,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	56656	174	333
	0,8	**M8 (5m)**	2,2	10	1939	**143,35**	**VR573.1K-3E100L/4C**	62205	174	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

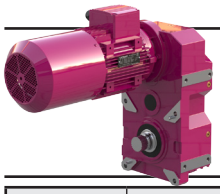


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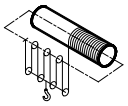
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	0,9	**M8 (5m)**	2,2	11	1719	**126,81**	**VR573.1K-3E100L/4C**	66937	174	333
	1,0	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,2	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	1,4	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,6	**M8 (5m)**	4,0	21	1702	**69,00**	**VR573.1K-3E112M/4D**	74831	184	
	1,9	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,1	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,6	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	2,9	**M8 (5m)**	7,5	39	1746	**37,64**	**VR573.1K-3E132M/4D**	78184	204	
	3,3	**M8 (5m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	79263	210	
	3,9	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø200	0,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	0,8	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,9	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	1,1	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,3	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	71392	184	
	1,5	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,7	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	2,0	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,2	**M8 (5m)**	5,5	28	1769	**51,97**	**VR573.1K-3E132S/4C**	76869	194	
	2,7	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,0	**M8 (5m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	3,4	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	4,1	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø210	0,7	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	0,8	**M8 (5m)**	2,2	10	1940	**143,35**	**VR573.1K-3E100L/4C**	62205	174	
	0,9	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	66937	177	
	1,1	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,4	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,6	**M8 (5m)**	4,0	19	1911	**77,63**	**VR573.1K-3E112M/4D**	72888	184	
	1,7	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	74831	194	
	2,1	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,3	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	2,8	**M8 (5m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,2	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	3,6	**M7 (4m)**	9,2	44	2280	**33,46**	**VR573.1K-3EC132M/4E**	78086	210	
	4,3	**M7 (4m)**	11	52	1926	**28,30**	**VR573.1K-3E160M/4C**	79050	261	
Ø220	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	0,9	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	1,0	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,2	**M8 (5m)**	3,0	14	1987	**107,18**	**VR573.1K-3E100L/4D**	69140	177	
	1,4	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,6	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	1,8	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,2	**M8 (5m)**	5,5	25	1983	**58,36**	**VR573.1K-3E132S/4C**	75349	194	
	2,4	**M8 (5m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	76869	204	
	3,0	**M7 (4m)**	7,5	34	1974	**42,62**	**VR573.1K-3E132M/4D**	76984	204	
	3,3	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	78184	210	
	3,8	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,5	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79050	281	
Ø230	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	0,9	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	1,0	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,2	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	184	
	1,5	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,7	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	1,9	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,3	**M8 (5m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	204	
	2,5	**M7 (4m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	204	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



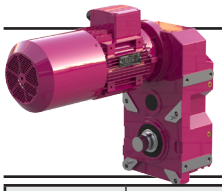
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø230	3,1	**M7 (4m)**	9,2	34	2895	**42,62**	**VR573.1K-3EC132M/4E**	76984	210	333
	3,5	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	4,0	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,7	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79050	281	
Ø240	0,8	**M8 (5m)**	2,2	8,9	2210	**163,77**	**VR573.1K-3E100L/4C**	55515	174	333
	1,0	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	62205	177	
	1,1	**M8 (5m)**	3,0	11	2345	**126,81**	**VR573.1K-3E100L/4D**	65923	177	
	1,3	**M8 (5m)**	4,0	14	2649	**107,18**	**VR573.1K-3E112M/4D**	69140	184	
	1,6	**M8 (5m)**	4,0	16	2176	**87,90**	**VR573.1K-3E112M/4D**	70510	184	
	1,8	**M8 (5m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	72888	194	
	2,0	**M8 (5m)**	5,5	21	2340	**69,00**	**VR573.1K-3E132S/4C**	73797	194	
	2,4	**M8 (5m)**	7,5	25	2705	**58,36**	**VR573.1K-3E132M/4D**	75349	204	
	2,7	**M7 (4m)**	7,5	28	2412	**51,97**	**VR573.1K-3E132M/4D**	75826	204	
	3,2	**M7 (4m)**	9,2	34	2895	**42,62**	**VR573.1K-3EC132M/4E**	76984	210	
	3,7	**M7 (4m)**	9,2	39	2561	**37,64**	**VR573.1K-3EC132M/4E**	76862	210	
	4,1	**M7 (4m)**	11	44	2280	**33,46**	**VR573.1K-3E160M/4C**	78086	261	
	4,9	**M7 (4m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	79050	281	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

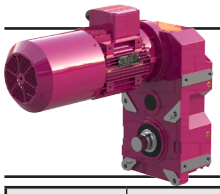


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	4,6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	5,2	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	5,9	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	6,7	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	7,7	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134685	965	
	8,6	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	9,7	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	10,8	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	144128	1025	
	11,4	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	13,1	**M8 (5m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	14,9	**M8 (5m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	16,9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152132	1180	
Ø360	4,9	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	5,5	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	6,2	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	7,1	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	8,1	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	9,1	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	10,2	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	11,4	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	12,1	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	13,8	**M8 (5m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	15,7	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	154749	1180	
	17,9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152132	1180	
Ø380	5,1	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	5,8	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	6,6	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	7,5	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128763	965	
	8,6	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	9,7	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	10,8	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	12,1	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	12,8	**M8 (5m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	145210	1065	
	14,6	**M7 (4m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	16,6	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	18,9	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152132	1310	
Ø400	5,4	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	6,1	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	6,9	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	7,9	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128763	965	
	9,0	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	10,2	**M8 (5m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	135943	1025	
	11,4	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	12,7	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152246	1065	
	13,5	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	155040	1065	
	15,4	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	17,5	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	19,9	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152132	1310	
Ø420	5,7	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	6,4	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	113850	890	
	7,2	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	8,3	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	9,5	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	10,7	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	148742	1025	
	11,9	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	13,3	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152246	1065	
	14,1	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152342	1065	
	16,1	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	18,4	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	20,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156853	1310	

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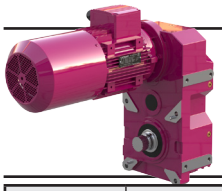
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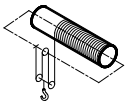
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø440	6,0	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	6,7	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	113850	890	
	7,6	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	8,7	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	9,9	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	11,2	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	12,5	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	14,0	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	14,8	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	16,9	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	151961	1180	
	19,2	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	21,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø460	6,2	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	7,0	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	7,9	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	9,1	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	10,4	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144946	970	
	11,7	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	13,1	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	14,6	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	15,5	**M7 (4m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	17,7	**M6 (3m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	20,1	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	22,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø480	6,5	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	7,3	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	8,3	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	9,5	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	10,8	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144946	970	
	12,2	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	13,7	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	15,2	**M6 (3m)**	55	20	24669	**73,09**	**VR873.1K-3E250M/4D**	160601	1180	
	16,1	**M6 (3m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	18,5	**M6 (3m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	21,0	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	23,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

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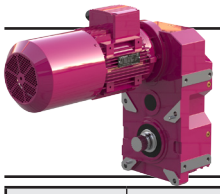
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,5	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,7	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	2,0	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	2,4	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100847	302	
	2,7	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	101595	308	
	3,2	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	3,7	**M8 (5m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	107995	379	
	4,2	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	4,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	5,5	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	4,2	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	335
	4,8	**M8 (5m)**	15	22	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	
	4,9	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	5,7	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	6,5	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	146450	539	
Ø300	1,6	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,8	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	2,1	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	2,6	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	2,9	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	101595	308	
	3,4	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	3,9	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	4,5	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	5,2	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	5,9	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	3,5	**M8 (5m)**	11	15	6571	**97,55**	**VR773.1K-3E160M/4C**	144234	480	335
	4,0	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	
	4,5	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	5,1	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	5,3	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	6,1	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147287	539	
	7,0	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø320	1,7	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,9	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	2,3	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	2,7	**M7 (4m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	
	3,1	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	3,6	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	
	4,2	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	4,8	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	5,5	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	115961	408	
	6,3	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124880	418	
	2,5	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	135735	429	335
	2,8	**M8 (5m)**	9,2	11	8643	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	
	3,3	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	3,8	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	4,3	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	4,8	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	5,4	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	5,6	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	6,5	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147287	539	
	7,5	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145304	585	
Ø340	1,8	**M8 (5m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	83481	302	334
	2,1	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	2,4	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

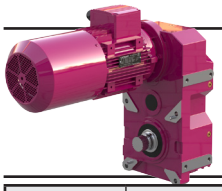


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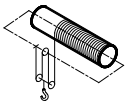
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	2,9	**M7 (4m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	334
	3,3	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	3,8	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	
	4,5	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	5,2	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	124542	408	
	5,9	**M6 (3m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	6,7	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	2,3	**M8 (5m)**	7,5	8,8	7635	**166,50**	**VR773.1K-3E132M/4D**	129558	423	335
	2,6	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	135735	429	
	3,0	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	3,5	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	4,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	4,6	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	5,1	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	5,8	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	6,0	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	6,9	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	7,9	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145304	585	
Ø360	1,9	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	104696	302	334
	2,2	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	2,6	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	
	3,1	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	3,5	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	4,1	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	111606	379	
	4,7	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	123378	379	
	5,5	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	6,2	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	7,1	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,8	**M8 (5m)**	5,5	6,2	7862	**233,77**	**VR773.1K-3E132S/4C**	114944	413	335
	2,1	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,5	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129558	429	
	2,8	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	3,2	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	3,7	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	4,2	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	4,8	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	5,5	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	6,1	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	6,3	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	7,3	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	8,4	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø380	2,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	2,3	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	2,7	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	
	3,2	**M7 (4m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	3,6	**M7 (4m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	112584	379	
	4,3	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	5,0	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	5,8	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	6,6	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	7,5	**M6 (3m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	123233	464	
	1,9	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	2,2	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,6	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129558	429	
	2,9	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	3,4	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	3,9	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	141435	500	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



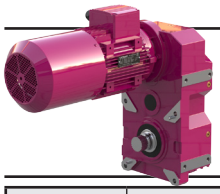
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	4,5	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	335
	5,1	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	5,7	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	6,4	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	6,7	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	7,7	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	8,9	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø400	2,2	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	2,4	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	2,8	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	106246	308	
	3,4	**M6 (3m)**	11	11	9032	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	3,9	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	4,5	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	5,3	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	6,1	**M6 (3m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	122399	418	
	6,9	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	2,0	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	2,3	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,8	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125704	429	
	3,1	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	3,6	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	4,1	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	4,7	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	5,4	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	6,1	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	6,8	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	7,0	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	8,2	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	9,4	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø420	2,3	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	2,5	**M7 (4m)**	9,2	7,7	12729	**189,61**	**VR673.1K-3EC132M/4E**	107207	308	
	3,0	**M6 (3m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	122575	308	
	3,6	**M6 (3m)**	15	11	12316	**134,51**	**VR673.1K-3E160L/4E**	123236	379	
	4,0	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	4,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	5,5	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	6,4	**M5 (2m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	131680	418	
	2,1	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	2,4	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	2,9	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125704	429	
	3,2	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	3,7	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	4,3	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	5,0	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	5,7	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	6,4	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145676	539	
	7,1	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	7,4	**M8 (5m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	8,6	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	9,8	**M7 (4m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	151398	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



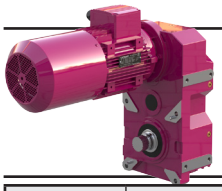
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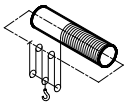
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,4	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,6	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,9	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	2,4	**M5 (2m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,7	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88659	210	
	3,0	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,5	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	4,0	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	87774	281	
	4,9	**M4 (1Am)**	18,5	34	4836	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	5,5	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	6,2	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	7,4	**M4 (1Am)**	30	52	5236	**28,30**	**VR573.1K-3EC180L/4E**	92064	366	
	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	1,1	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	1,5	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,7	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	2,0	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,4	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,7	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110465	308	
	3,1	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø280	1,5	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,7	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	2,0	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	81646	204	
	2,4	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	2,8	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88659	210	
	3,1	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,7	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	4,1	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	5,1	**M4 (1Am)**	18,5	34	4836	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	5,7	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92581	311	
	6,4	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	1,1	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	1,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,8	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	2,1	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,4	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	2,8	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110465	308	
	3,2	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø290	1,6	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,8	**M6 (3m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	82997	204	
	2,1	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,5	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	2,9	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88659	210	
	3,2	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,8	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	96061	281	
	4,3	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	5,3	**M4 (1Am)**	18,5	34	4836	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	5,9	**M4 (1Am)**	22	39	5088	**37,64**	**VR573.1K-3E180L/4D**	92581	320	
	6,7	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	91686	320	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. */ Compact Motor. The brake selection should be made according to the motor power /* Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** */ Crane Classes given only for gearboxes and must be calculated for other crane equipments. /* Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



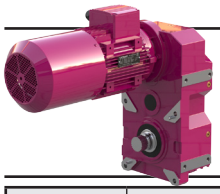
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	1,2	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	1,6	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,8	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	2,2	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,5	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	2,9	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110465	308	
	3,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø300	1,6	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,8	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	2,1	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,6	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	3,0	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88659	210	
	3,3	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	4,0	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	4,4	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	5,4	**M4 (1Am)**	18,5	34	4836	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	6,2	**M4 (1Am)**	22	39	5088	**37,64**	**VR573.1K-3E180L/4D**	92581	320	
	1,1	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,2	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,7	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,9	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	2,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,6	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	3,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,5	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø310	1,7	**M5 (2m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	1,9	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	2,2	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,7	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	88266	210	
	3,1	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88659	261	
	3,5	**M4 (1Am)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	96563	261	
	4,1	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	4,6	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	5,6	**M4 (1Am)**	18,5	34	4836	**42,62**	**VR573.1K-3E180M/4C**	92300	311	
	1,1	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,2	**M8 (5m)**	4,0	7,7	4629	**189,61**	**VR673.1K-3E112M/4D**	95170	282	
	1,5	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,8	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,0	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	2,3	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,7	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	108011	308	
	3,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,6	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	4,1	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø320	1,7	**M5 (2m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	1,9	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	2,3	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,8	**M4 (1Am)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	97973	210	
	3,2	**M4 (1Am)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	97086	261	
	3,6	**M4 (1Am)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	93738	261	
	4,2	**M4 (1Am)**	15	21	5372	**69,00**	**VR573.1K-3E160L/4E**	93738	281	
	4,7	**M4 (1Am)**	15	25	4791	**58,36**	**VR573.1K-3E160L/4E**	93802	281	
	5,8	**M4 (1Am)**	18,5	28	4836	**51,97**	**VR573.1K-3E180M/4C**	92300	311	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

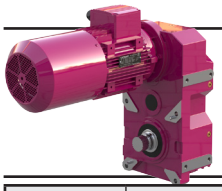


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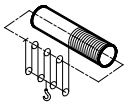
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	1,1	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,3	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,5	**M8 (5m)**	5,5	9,2	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,8	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,0	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	2,4	**M8 (5m)**	7,5	14	6865	**102,10**	**VR673.1K-3E132M/4D**	107981	302	
	2,8	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	108011	308	
	3,2	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,7	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	4,2	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø330	1,2	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,3	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,6	**M8 (5m)**	5,5	9,2	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,9	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,1	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	2,5	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	2,9	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	108011	308	
	3,3	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	4,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø340	1,2	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,6	**M8 (5m)**	5,5	9,2	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,9	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	2,2	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	2,5	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	3,0	**M8 (5m)**	11	17	5914	**87,77**	**VR673.1K-3E160M/4C**	108011	359	
	3,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,9	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	4,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



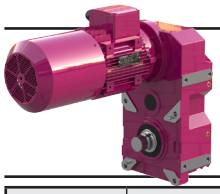
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	0,9	**M8 (5m)**	3,0	10	2645	**143,35**	**VR573.1K-3E100L/4D**	61061	177	333
	1,0	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	65923	184	
	1,2	**M8 (5m)**	4,0	14	2631	**107,18**	**VR573.1K-3E112M/4D**	68017	184	
	1,5	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	1,7	**M7 (4m)**	5,5	19	2628	**77,63**	**VR573.1K-3E132S/4C**	78195	194	
	1,9	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	79709	204	
	2,3	**M7 (4m)**	7,5	25	2695	**58,36**	**VR573.1K-3E132M/4D**	79554	204	
	2,5	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	86002	210	
	3,1	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	3,5	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	4,0	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	4,7	**M6 (3m)**	15	52	2627	**28,30**	**VR573.1K-3E160L/4E**	85552	281	
	1,5	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	334
	1,7	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	2,0	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,3	**M8 (5m)**	7,5	25	2704	**58,54**	**VR673.1K-3E132M/4D**	116121	302	
Ø240	1,0	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	61061	184	333
	1,1	**M8 (5m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	64656	184	
	1,3	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	1,6	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	1,8	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	2,0	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	2,4	**M6 (3m)**	7,5	25	3953	**58,36**	**VR573.1K-3E132M/4D**	85242	204	
	2,6	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	3,2	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	3,7	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	4,1	**M6 (3m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	84896	281	
	4,9	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	1,4	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	334
	1,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	1,8	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	2,1	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,3	**M8 (5m)**	7,5	25	3965	**58,54**	**VR673.1K-3E132M/4D**	116121	359	
Ø250	1,0	**M8 (5m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	61061	184	333
	1,1	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,3	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	76281	194	
	1,6	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	
	1,9	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	
	2,1	**M7 (4m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	78330	204	
	2,5	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	2,8	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	3,4	**M6 (3m)**	11	34	2885	**42,62**	**VR573.1K-3E160M/4C**	84838	261	
	3,8	**M6 (3m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	85573	281	
	4,3	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	5,1	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	89706	311	
	1,4	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	334
	1,6	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	1,9	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	113887	302	
	2,2	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,4	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø260	0,9	**M8 (5m)**	3,0	8,9	3013	**163,77**	**VR573.1K-3E100L/4D**	54212	177	333
	1,0	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	72265	184	
	1,2	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,4	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	1,7	**M7 (4m)**	5,5	17	2971	**87,90**	**VR573.1K-3E132S/4C**	76399	194	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

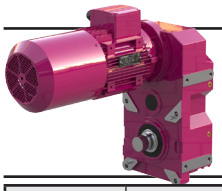


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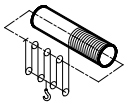
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	1,9	**M7 (4m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	78195	204	333
	2,2	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	2,6	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	85242	210	
	2,9	**M6 (3m)**	9,2	28	3513	**51,97**	**VR573.1K-3EC132M/4E**	84183	210	
	3,5	**M6 (3m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	84838	281	
	4,0	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	4,5	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	5,3	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	1,1	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	334
	1,2	**M8 (5m)**	4,0	12	2941	**119,86**	**VR673.1K-3E112M/4D**	108391	282	
	1,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,7	**M8 (5m)**	5,5	17	2967	**87,77**	**VR673.1K-3E132S/4C**	111926	292	
	2,0	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,2	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,5	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	116121	308	
Ø270	0,9	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	1,1	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,2	**M7 (4m)**	4,0	11	3105	**126,81**	**VR573.1K-3E112M/4D**	74221	184	
	1,4	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	1,8	**M7 (4m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	76399	204	
	2,0	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,3	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	2,7	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	3,0	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	3,6	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	4,1	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	4,6	**M5 (2m)**	15	44	3099	**33,46**	**VR573.1K-3E160L/4E**	89352	281	
	5,5	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	0,7	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	0,8	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,0	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	1,2	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	1,5	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,8	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	2,0	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,3	**M8 (5m)**	7,5	22	3071	**66,59**	**VR673.1K-3E132M/4D**	114493	302	
	2,6	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	
Ø280	1,0	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	1,1	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,3	**M7 (4m)**	5,5	11	4269	**126,81**	**VR573.1K-3E132S/4C**	74221	194	
	1,5	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	1,8	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	204	
	2,1	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,3	**M6 (3m)**	7,5	21	3180	**69,00**	**VR573.1K-3E132M/4D**	84618	204	
	2,7	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	3,1	**M6 (3m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	84183	261	
	3,8	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	90015	281	
	4,3	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	4,8	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	5,7	**M5 (2m)**	18,5	52	3240	**28,30**	**VR573.1K-3E180M/4C**	88712	311	
	0,7	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	89277	275	334
	0,8	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,0	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	1,2	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	1,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



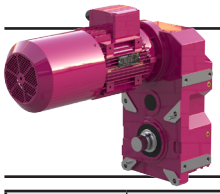
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,8	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	334
	2,1	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,4	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114493	308	
	2,8	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	
Ø290	1,0	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	1,2	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,3	**M7 (4m)**	5,5	11	4269	**126,81**	**VR573.1K-3E132S/4C**	74221	194	
	1,6	**M7 (4m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	74681	194	
	1,9	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	84262	204	
	2,1	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,4	**M6 (3m)**	9,2	21	4663	**69,00**	**VR573.1K-3EC132M/4E**	84618	210	
	2,9	**M6 (3m)**	9,2	25	3953	**58,36**	**VR573.1K-3EC132M/4E**	83203	210	
	3,2	**M5 (2m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	3,9	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	4,4	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	5,0	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	5,9	**M5 (2m)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	88712	320	
	0,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	0,9	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,0	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	102235	282	
	1,2	**M8 (5m)**	4,0	11	3296	**134,51**	**VR673.1K-3E112M/4D**	104756	282	
	1,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	108391	292	
	1,6	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	1,9	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	111926	302	
	2,2	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,5	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114493	308	
	2,8	**M8 (5m)**	9,2	25	3965	**58,54**	**VR673.1K-3EC132M/4E**	114463	308	
Ø300	1,0	**M7 (4m)**	4,0	8,9	4019	**163,77**	**VR573.1K-3E112M/4D**	67713	184	333
	1,2	**M7 (4m)**	4,0	10	3526	**143,35**	**VR573.1K-3E112M/4D**	70836	184	
	1,4	**M7 (4m)**	5,5	11	4269	**126,81**	**VR573.1K-3E132S/4C**	74221	194	
	1,6	**M6 (3m)**	5,5	14	3618	**107,18**	**VR573.1K-3E132S/4C**	83779	194	
	2,0	**M6 (3m)**	7,5	17	4051	**87,90**	**VR573.1K-3E132M/4D**	82510	204	
	2,2	**M6 (3m)**	7,5	19	3584	**77,63**	**VR573.1K-3E132M/4D**	83631	204	
	2,5	**M6 (3m)**	9,2	21	4663	**69,00**	**VR573.1K-3EC132M/4E**	84618	210	
	3,0	**M5 (2m)**	11	25	3953	**58,36**	**VR573.1K-3E160M/4C**	89422	261	
	3,3	**M5 (2m)**	11	28	3513	**51,97**	**VR573.1K-3E160M/4C**	89855	261	
	4,0	**M5 (2m)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	88313	281	
	4,6	**M5 (2m)**	15	39	3481	**37,64**	**VR573.1K-3E160L/4E**	88856	281	
	5,2	**M5 (2m)**	18,5	44	3822	**33,46**	**VR573.1K-3E180M/4C**	89352	311	
	6,1	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	93058	320	
	0,8	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	0,9	**M8 (5m)**	3,0	7,6	3495	**189,61**	**VR673.1K-3E100L/4D**	96820	275	
	1,1	**M8 (5m)**	4,0	9,0	3983	**161,66**	**VR673.1K-3E112M/4D**	100927	282	
	1,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	104756	292	
	1,4	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,7	**M8 (5m)**	5,5	14	3444	**102,10**	**VR673.1K-3E132S/4C**	109652	292	
	2,0	**M8 (5m)**	7,5	17	4046	**87,77**	**VR673.1K-3E132M/4D**	110508	302	
	2,3	**M8 (5m)**	7,5	19	3506	**76,17**	**VR673.1K-3E132M/4D**	112654	302	
	2,6	**M8 (5m)**	9,2	22	4504	**66,59**	**VR673.1K-3EC132M/4E**	114493	308	
	2,9	**M8 (5m)**	11	25	3965	**58,54**	**VR673.1K-3E160M/4C**	114463	359	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



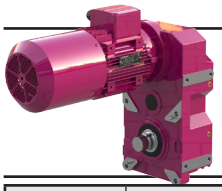
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	4,9	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	336
	5,4	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	6,2	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121311	965	
	7,1	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	8,1	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144900	970	
	9,2	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	10,3	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149184	1065	
	11,4	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	12,1	**M7 (4m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	13,9	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	15,8	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	17,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø380	5,2	**M8 (5m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	99554	890	336
	5,7	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	6,6	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	7,5	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	8,6	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144923	970	
	9,7	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	10,8	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149184	1065	
	12,1	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	12,8	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	14,7	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	16,7	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	18,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø400	5,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	6,0	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133300	890	
	6,9	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	7,9	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	9,0	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	10,2	**M7 (4m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	145621	1065	
	11,4	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	12,7	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	160600	1180	
	13,5	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	15,4	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161465	1310	
	17,6	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	19,9	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø420	5,7	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	6,3	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133120	890	
	7,2	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	8,3	**M7 (4m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	140300	970	
	9,5	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	10,7	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	159350	1065	
	12,0	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	13,3	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	14,2	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	16,2	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	155573	1310	
	18,5	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	20,9	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	
Ø440	6,0	**M7 (4m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	6,6	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	127139	890	
	7,6	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	8,7	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	158000	970	
	11,2	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	12,5	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	158347	1180	
	14,0	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	14,8	**M6 (3m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	159292	1310	
	17,0	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	155573	1310	
	19,3	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	166537	1310	
	21,9	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



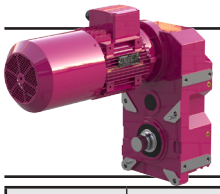
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø460	6,3	**M7 (4m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	6,9	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	7,9	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	9,1	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	11,7	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	156901	1065	
	13,1	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	155793	1180	
	14,6	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	154368	1180	
	15,5	**M5 (2m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	169288	1310	
	17,7	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	170512	1310	
	20,2	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	165849	1370	
	22,9	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166537	1370	
Ø480	6,5	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	7,2	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	8,3	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155500	970	
	9,5	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	12,2	**M5 (2m)**	55	14	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	13,7	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	15,2	**M5 (2m)**	75	18	33663	**73,09**	**VR873.1K-4E280S/4D**	169288	1310	
	16,2	**M5 (2m)**	75	20	31653	**69,01**	**VR873.1K-4E280S/4D**	163755	1310	
	18,5	**M5 (2m)**	75	21	27716	**60,33**	**VR873.1K-4E280S/4D**	165849	1310	
	21,1	**M4 (1Am)**	90	25	29223	**53,03**	**VR873.1K-4E280M/4E**	177292	1370	
	23,9	**M4 (1Am)**	90	28	25836	**46,82**	**VR873.1K-4E280M/4E**	174140	1370	
Ø500	6,8	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	7,6	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	8,6	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	175900	970	
	9,9	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	174392	970	
	12,7	**M5 (2m)**	55	14	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	14,2	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	16,9	**M4 (1Am)**	75	20	31653	**69,01**	**VR873.1K-4E280S/4D**	182439	1310	
	19,3	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-4E280S/4D**	176717	1310	
	22,0	**M4 (1Am)**	90	25	29223	**53,03**	**VR873.1K-4E280M/4E**	177292	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power /* Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

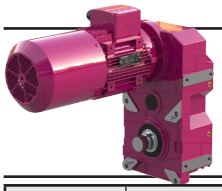


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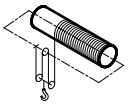
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	1,6	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	334
	1,8	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	2,1	**M7 (4m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	
	2,6	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109499	359	
	2,9	**M7 (4m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	112584	379	
	3,4	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	4,0	**M6 (3m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	4,6	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	5,2	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	123710	418	
	5,9	**M6 (3m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	123235	464	
	1,5	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	1,7	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	2,1	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	2,3	**M8 (5m)**	9,2	9,9	9999	**148,95**	**VR773.1K-3EC132M/4E**	132254	429	
	2,7	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	3,1	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	3,5	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	4,0	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	4,6	**M8 (5m)**	18,5	19	8641	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	5,1	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148191	539	
	5,3	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	148034	539	
	6,1	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145986	585	
	7,0	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	1,7	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	334
	1,9	**M7 (4m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	107152	308	
	2,3	**M7 (4m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	106246	308	
	2,7	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	3,1	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	3,6	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	4,2	**M6 (3m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	4,8	**M6 (3m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	122393	418	
	5,5	**M5 (2m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	130268	418	
	6,3	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	130962	464	
	1,6	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	1,8	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	2,2	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	2,5	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,9	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	3,3	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	3,8	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	4,3	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	4,8	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	5,4	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	5,6	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	146519	539	
	6,5	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	7,5	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø340	1,8	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	334
	2,1	**M7 (4m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	107152	308	
	2,4	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	2,9	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123203	379	
	3,3	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	3,8	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	4,5	**M6 (3m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	5,2	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	131671	418	
	5,9	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130268	464	
	6,7	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



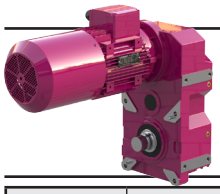
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	1,7	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	2,0	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	2,3	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	2,6	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	3,0	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	3,5	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	4,0	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	4,6	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	5,1	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	5,8	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	6,0	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146519	585	
	6,9	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	8,0	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
Ø360	1,9	**M6 (3m)**	7,5	6,9	14234	**213,15**	**VR673.1K-3E132M/4D**	126919	302	334
	2,2	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	121919	308	
	2,6	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	3,1	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123203	379	
	3,5	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	4,1	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	133758	408	
	4,7	**M5 (2m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	5,5	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	6,3	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130268	464	
	7,1	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	1,8	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	2,1	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	2,5	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,8	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	3,2	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	3,7	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	4,3	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	4,8	**M8 (5m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	142772	539	
	5,5	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	143899	539	
	6,1	**M8 (5m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	146618	585	
	6,3	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146519	585	
	7,3	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	8,4	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
Ø380	2,0	**M6 (3m)**	9,2	6,9	14234	**213,15**	**VR673.1K-3EC132M/4E**	126919	308	334
	2,3	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	121919	308	
	2,7	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	3,2	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	118902	379	
	3,6	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	4,3	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	133758	408	
	5,0	**M5 (2m)**	22	17	11749	**87,77**	**VR673.1K-3E180L/4D**	131243	418	
	5,8	**M5 (2m)**	30	19	13930	**76,17**	**VR673.1K-3E200L/4D**	129536	464	
	6,6	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	125993	464	
	7,5	**M4 (1Am)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	135359	464	
	1,9	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	2,2	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	2,6	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,9	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	3,4	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	3,9	**M8 (5m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	4,5	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	5,1	**M8 (5m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	142772	539	
	5,8	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	6,5	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	6,7	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	7,7	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	8,9	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

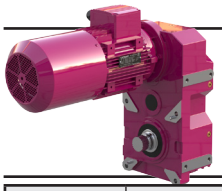


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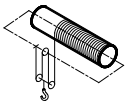
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	6,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	146980	965	336
	6,4	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	7,3	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	8,3	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	9,4	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø400	2,2	**M6 (3m)**	9,2	6,9	14234	**213,15**	**VR673.1K-3EC132M/4E**	120968	308	334
	2,4	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	2,9	**M5 (2m)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	141576	379	
	3,4	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	3,9	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	4,5	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	130898	408	
	5,3	**M4 (1Am)**	22	17	11749	**87,77**	**VR673.1K-3E180L/4D**	142370	418	
	2,0	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	2,3	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	2,8	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	3,1	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	3,6	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	4,1	**M8 (5m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	4,7	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	5,4	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	153284	539	
	6,1	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	6,8	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	7,0	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	8,2	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151786	621	
	9,4	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	5,7	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143570	890	336
	6,3	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	6,7	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	7,7	**M8 (5m)**	30	24	11177	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	8,7	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	9,9	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	
Ø420	2,3	**M5 (2m)**	9,2	6,9	14234	**213,15**	**VR673.1K-3EC132M/4E**	153288	308	334
	2,5	**M4 (1Am)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	174215	359	
	3,0	**M4 (1Am)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	163217	379	
	3,6	**M4 (1Am)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	151963	379	
	4,0	**M4 (1Am)**	18,5	12	13511	**119,86**	**VR673.1K-3E180M/4C**	148787	408	
	4,7	**M4 (1Am)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	2,1	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	2,4	**M8 (5m)**	11	7,3	13445	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	2,9	**M8 (5m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	125657	500	
	3,3	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	128335	500	
	3,8	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	4,3	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	5,0	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	5,7	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	6,4	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	7,1	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	7,4	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	8,6	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	160997	621	
	9,8	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	661	
	4,7	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	336
	5,3	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	6,0	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	6,7	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	7,0	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	

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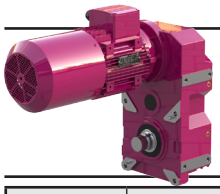
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø420	8,0	**M8 (5m)**	37	24	13785	**60,33**	**VR873.1K-3E225S/4C**	150256	1025	336
	9,2	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	10,4	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	
Ø440	2,2	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	2,5	**M8 (5m)**	11	7,3	13445	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	3,0	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144551	500	
	3,4	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	3,9	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	4,6	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	5,2	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	5,9	**M7 (4m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	151295	585	
	6,7	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	7,5	**M6 (3m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	7,7	**M6 (3m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	3,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	105936	825	336
	3,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	3,8	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4E**	125889	825	
	4,3	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,9	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	136441	890	
	5,6	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	6,3	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	7,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	7,4	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	8,4	**M8 (5m)**	37	24	13785	**60,33**	**VR873.1K-3E225S/4C**	150256	1025	
	9,6	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	10,9	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	

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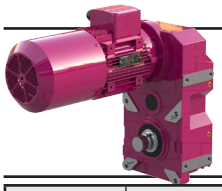


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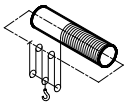
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	1,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,5	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	1,7	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,0	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	2,4	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	2,7	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	3,1	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	3,5	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
	4,2	**M8 (5m)**	18,5	30	5623	**49,45**	**VR773.1K-3E180M/4C**	147622	529	335
Ø280	1,0	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	1,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,3	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,6	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,8	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,1	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	2,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,8	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	3,2	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	3,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
	4,4	**M8 (5m)**	18,5	30	5640	**49,45**	**VR773.1K-3E180M/4C**	146472	529	335
Ø290	1,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	1,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,4	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,7	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	1,9	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,2	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	2,5	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,9	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	3,4	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	3,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
	4,5	**M8 (5m)**	18,5	30	56423	**49,45**	**VR773.1K-3E180M/4C**	146472	529	335
Ø300	1,1	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	1,2	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,4	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	1,7	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,9	**M8 (5m)**	7,5	12	8061	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	2,2	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	2,6	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	3,0	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	3,5	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	4,0	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	4,1	**M8 (5m)**	18,5	26	6472	**56,82**	**VR773.1K-3E180M/4C**	148625	529	335
	4,7	**M8 (5m)**	18,5	30	5623	**49,45**	**VR773.1K-3E180M/4C**	146472	529	
Ø320	1,1	**M8 (5m)**	5,5	7,7	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,3	**M8 (5m)**	5,5	9,0	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,5	**M8 (5m)**	7,5	11	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	1,8	**M8 (5m)**	7,5	12	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	2,0	**M8 (5m)**	9,2	14	8061	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	2,4	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105111	359	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



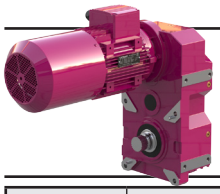
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	2,8	**M8 (5m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	107995	379	334
	3,2	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	108017	379	
	3,7	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	4,2	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	3,6	**M8 (5m)**	15	22	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	335
	3,8	**M8 (5m)**	15	23	6048	**65,59**	**VR773.1K-3E160L/4E**	149571	500	
	4,3	**M8 (5m)**	18,5	26	6472	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	5,0	**M8 (5m)**	22	30	6687	**49,45**	**VR773.1K-3E180L/4D**	146472	539	
Ø340	1,2	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,4	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,6	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	1,9	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100878	308	
	2,2	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	101611	308	
	2,6	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	3,0	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	3,4	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	3,9	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	4,5	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	2,7	**M8 (5m)**	11	15	6571	**97,55**	**VR773.1K-3E160M/4C**	144265	480	335
	3,0	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	
	3,4	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	3,8	**M8 (5m)**	15	22	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	
	4,0	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	4,6	**M8 (5m)**	18,5	26	6472	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	5,3	**M8 (5m)**	22	30	6687	**49,45**	**VR773.1K-3E180L/4D**	146472	539	
Ø360	1,3	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,5	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	1,7	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	2,0	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100878	308	
	2,3	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	101611	308	
	2,7	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114895	359	
	3,1	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	3,6	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	4,2	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	4,7	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	2,5	**M8 (5m)**	11	13	7525	**111,53**	**VR773.1K-3E160M/4C**	140996	480	335
	2,8	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144265	500	
	3,2	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	3,6	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	4,1	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	4,2	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	4,9	**M8 (5m)**	22	26	7697	**56,82**	**VR773.1K-3E180L/4D**	147306	539	
	5,6	**M8 (5m)**	22	30	6687	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø380	1,4	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,5	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	1,8	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	2,2	**M7 (4m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	109549	308	
	2,4	**M7 (4m)**	11	12	8061	**119,86**	**VR673.1K-3E160M/4C**	112605	359	
	2,9	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114895	379	
	3,3	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	3,8	**M7 (4m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	116054	408	
	4,4	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	115961	408	
	5,0	**M6 (3m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	124887	418	

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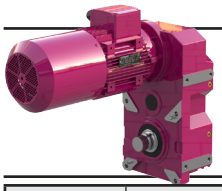


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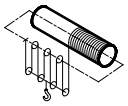
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø380	1,9	**M8 (5m)**	9,2	9,8	10068	**148,95**	**VR773.1K-3EC132M/4E**	135787	429	335
	2,3	**M8 (5m)**	9,2	11	8673	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	
	2,6	**M8 (5m)**	11	13	7525	**111,53**	**VR773.1K-3E160M/4C**	140996	480	
	3,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144265	500	
	3,4	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	3,8	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	4,3	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	4,5	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	5,1	**M8 (5m)**	22	26	7697	**56,82**	**VR773.1K-3E180L/4D**	147306	539	
	5,9	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	145321	585	

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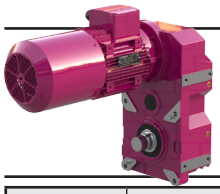
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,1	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	83697	194	333
	1,2	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,4	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	1,8	**M6 (3m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	82491	204	
	2,0	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	2,3	**M5 (2m)**	9,2	21	4648	**69,00**	**VR573.1K-3EC132M/4E**	89109	210	
	2,7	**M5 (2m)**	11	25	3940	**58,36**	**VR573.1K-3E160M/4C**	89412	261	
	3,0	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	89846	281	
	3,7	**M4 (1Am)**	15	34	3935	**42,62**	**VR573.1K-3E160L/4E**	93789	281	
	4,2	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	93900	311	
	4,7	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	5,5	**M4 (1Am)**	22	52	3853	**28,30**	**VR573.1K-3E180L/4D**	92064	320	
	0,7	**M8 (5m)**	3,0	6,8	3922	**213,15**	**VR673.1K-3E100L/4D**	87903	275	334
	0,8	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	96820	282	
	1,0	**M8 (5m)**	4,0	9,0	3956	**161,66**	**VR673.1K-3E112M/4D**	100826	282	
	1,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,5	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	109652	302	
	1,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,0	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	112631	308	
	2,3	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	2,7	**M8 (5m)**	11	25	3952	**58,54**	**VR673.1K-3E160M/4C**	114448	359	
Ø280	1,1	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,3	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,5	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	83779	204	
	1,8	**M5 (2m)**	7,5	17	4038	**87,90**	**VR573.1K-3E132M/4D**	91322	204	
	2,1	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	91372	210	
	2,3	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	2,8	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	3,1	**M5 (2m)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	87774	281	
	3,8	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	4,3	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	4,8	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	0,7	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	0,8	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	1,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,3	**M8 (5m)**	5,5	12	4044	**119,86**	**VR673.1K-3E132S/4C**	106941	292	
	1,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	1,8	**M8 (5m)**	7,5	17	4033	**87,77**	**VR673.1K-3E132M/4D**	110484	302	
	2,1	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	2,4	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	2,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø290	1,2	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,3	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,6	**M6 (3m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	81646	204	
	1,9	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	2,1	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	2,4	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	2,9	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	3,2	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	3,9	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	4,5	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	5,0	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	92854	320	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

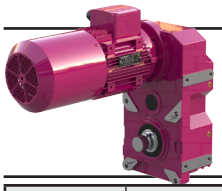


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø290	0,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	88704	282	334
	0,9	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95895	282	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	101441	292	
	1,2	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103513	292	
	1,4	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	107358	302	
	1,6	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108319	302	
	1,9	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110802	308	
	2,2	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110684	308	
	2,5	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112811	359	
	2,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114662	379	
Ø300	1,2	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,4	**M6 (3m)**	5,5	12	4269	**126,81**	**VR573.1K-3E132S/4C**	82997	194	
	1,6	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,0	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	2,2	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	2,5	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,0	**M5 (2m)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	89412	281	
	3,3	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	4,1	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	4,6	**M4 (1Am)**	18,5	39	4279	**37,64**	**VR573.1K-3E180M/4C**	92583	311	
	5,2	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	92854	320	
	0,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	87903	282	334
	0,9	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	1,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,4	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	1,7	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,0	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	2,3	**M8 (5m)**	9,2	19	5125	**76,17**	**VR673.1K-3EC132M/4E**	110481	308	
	2,6	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,0	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø310	1,2	**M6 (3m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,4	**M6 (3m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	82997	204	
	1,7	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,0	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	91322	210	
	2,3	**M5 (2m)**	9,2	19	5221	**77,63**	**VR573.1K-3EC132M/4E**	88669	210	
	2,6	**M5 (2m)**	11	21	4648	**69,00**	**VR573.1K-3E160M/4C**	89109	261	
	3,1	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	96061	281	
	3,4	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	4,2	**M4 (1Am)**	18,5	34	4853	**42,62**	**VR573.1K-3E180M/4C**	93789	311	
	4,8	**M4 (1Am)**	22	39	5088	**37,64**	**VR573.1K-3E180L/4D**	92583	320	
	5,3	**M4 (1Am)**	22	44	4545	**33,46**	**VR573.1K-3E180L/4D**	91686	320	
	0,8	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	0,9	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	100826	292	
	1,3	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,5	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	106941	302	
	1,7	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,0	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	110484	308	
	2,3	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,7	**M8 (5m)**	11	22	4488	**66,59**	**VR673.1K-3E160M/4C**	112595	359	
	3,1	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	114448	379	
Ø320	1,3	**M6 (3m)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	81567	194	333
	1,4	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	1,7	**M5 (2m)**	7,5	14	4932	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,1	**M5 (2m)**	9,2	17	5920	**87,90**	**VR573.1K-3EC132M/4E**	88266	210	
	2,4	**M5 (2m)**	11	19	5237	**77,63**	**VR573.1K-3E160M/4C**	88669	261	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

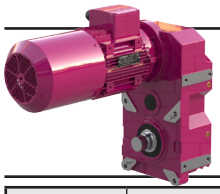


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	2,7	**M4 (1Am)**	11	21	4646	**69,00**	**VR573.1K-3E160M/4C**	96563	261	333
	3,2	**M4 (1Am)**	15	25	5371	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	3,6	**M4 (1Am)**	15	28	4789	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	0,9	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,0	**M8 (5m)**	4,0	7,6	4629	**189,61**	**VR673.1K-3E112M/4D**	95289	282	
	1,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	5,5	11	4531	**134,51**	**VR673.1K-3E132S/4C**	103043	292	
	1,5	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	1,8	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,1	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	108011	308	
	2,4	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	3,2	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø330	1,3	**M5 (2m)**	5,5	10	4816	**143,35**	**VR573.1K-3E132S/4C**	97083	194	333
	1,5	**M5 (2m)**	7,5	12	5822	**126,81**	**VR573.1K-3E132M/4D**	95485	204	
	1,8	**M5 (2m)**	7,5	14	4916	**107,18**	**VR573.1K-3E132M/4D**	92019	204	
	2,2	**M5 (2m)**	9,2	17	5922	**87,90**	**VR573.1K-3EC132M/4E**	88266	210	
	2,5	**M5 (2m)**	11	19	5221	**77,63**	**VR573.1K-3E160M/4C**	88669	261	
	2,8	**M4 (1Am)**	15	21	6338	**69,00**	**VR573.1K-3E160L/4E**	96563	281	
	3,3	**M4 (1Am)**	15	25	5372	**58,36**	**VR573.1K-3E160L/4E**	93738	281	
	3,7	**M4 (1Am)**	15	28	4791	**51,97**	**VR573.1K-3E160L/4E**	93802	281	
	0,9	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,0	**M8 (5m)**	5,5	7,6	6364	**189,61**	**VR673.1K-3E132S/4C**	95289	292	
	1,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	1,6	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	1,9	**M8 (5m)**	7,5	14	4681	**102,10**	**VR673.1K-3E132M/4D**	108007	302	
	2,2	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	108011	308	
	2,5	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,9	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	3,3	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø340	0,9	**M8 (5m)**	4,0	6,8	5230	**213,15**	**VR673.1K-3E112M/4D**	86185	282	334
	1,0	**M8 (5m)**	5,5	7,6	6364	**189,61**	**VR673.1K-3E132S/4C**	95289	292	
	1,2	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,4	**M8 (5m)**	7,5	11	6179	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	1,6	**M8 (5m)**	7,5	12	5515	**119,86**	**VR673.1K-3E132M/4D**	105009	302	
	1,9	**M8 (5m)**	9,2	14	6865	**102,10**	**VR673.1K-3EC132M/4E**	108007	308	
	2,2	**M8 (5m)**	9,2	17	5914	**87,77**	**VR673.1K-3EC132M/4E**	108011	308	
	2,6	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110481	359	
	2,9	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	3,4	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



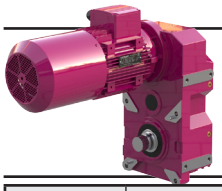
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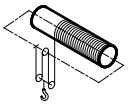
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	**4,9**	**M7 (4m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	5,5	**M7 (4m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	127098	890	
	6,2	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	7,1	**M6 (3m)**	37	16	26378	**116,84**	**VR873.1K-3EC200L/4D**	154104	970	
	9,2	**M6 (3m)**	45	18	25126	**91,16**	**VR873.1K-3E225M/4D**	156890	1065	
	10,3	**M6 (3m)**	55	20	27367	**81,40**	**VR873.1K-3E250M/4D**	155794	1180	
	11,5	**M6 (3m)**	55	22	24603	**73,09**	**VR873.1K-3E250M/4D**	158348	1180	
	12,2	**M6 (3m)**	75	25	31589	**69,01**	**VR873.1K-4E280S/4D**	157033	1310	
	13,9	**M5 (2m)**	75	28	27660	**60,33**	**VR873.1K-4E280S/4D**	159301	1310	
	15,8	**M5 (2m)**	75	32	24353	**53,03**	**VR873.1K-4E280S/4D**	165862	1310	
	17,9	**M5 (2m)**	90	28	25836	**46,82**	**VR873.1K-4E280M/4E**	166546	1370	
Ø380	5,1	**M6 (3m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	148197	890	336
	5,8	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	152412	890	
	6,6	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155560	970	
	7,5	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	154104	970	
	9,7	**M5 (2m)**	55	16	30710	**91,16**	**VR873.1K-3E250M/4D**	156890	1180	
	10,9	**M5 (2m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	171051	1180	
	12,8	**M5 (2m)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	169292	1310	
	14,7	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	170518	1310	
	16,7	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	165862	1370	
	18,9	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166546	1370	
Ø400	5,4	**M6 (3m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	148197	890	336
	6,1	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	152412	890	
	6,9	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	179800	970	
	10,2	**M5 (2m)**	55	16	30710	**91,16**	**VR873.1K-3E250M/4D**	174372	1180	
	11,4	**M5 (2m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	171051	1180	
	13,5	**M4 (1Am)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	169292	1310	
	15,5	**M4 (1Am)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	175712	1310	
	17,6	**M4 (1Am)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	176729	1370	
Ø420	5,7	**M5 (2m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	188270	890	336
	6,4	**M5 (2m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	182750	890	
	7,2	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	175314	970	
	10,7	**M4 (1Am)**	55	16	30710	**91,16**	**VR873.1K-3E250M/4D**	196982	1180	
	13,4	**M4 (1Am)**	75	20	33549	**73,09**	**VR873.1K-4E280S/4D**	182603	1310	
	14,2	**M4 (1Am)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	175265	1310	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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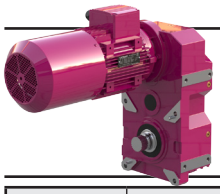


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	1,7	**M6 (3m)**	9,2	6,9	14186	**213,15**	**VR673.1K-3EC132M/4E**	126919	308	334
	1,9	**M6 (3m)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	121867	359	
	2,3	**M5 (2m)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	141525	379	
	2,7	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	3,1	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	3,6	**M5 (2m)**	18,5	14	11467	**102,10**	**VR673.1K-3E180M/4C**	130890	408	
	4,2	**M4 (1Am)**	22	17	11789	**87,77**	**VR673.1K-3E180L/4D**	142357	418	
	4,9	**M4 (1Am)**	30	19	13930	**76,17**	**VR673.1K-3E200L/4D**	139462	464	
	5,6	**M4 (1Am)**	30	22	12199	**66,59**	**VR673.1K-3E200L/4D**	134953	464	
	6,3	**M4 (1Am)**	37	25	13247	**58,54**	**VR673.1K-3EC200L/4D**	135366	500	
	1,6	**M8 (5m)**	9,2	6,3	15616	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	1,8	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117877	429	
	2,2	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	2,5	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	2,9	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	3,3	**M8 (5m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	3,8	**M8 (5m)**	18,5	15	11014	**97,55**	**VR773.1K-3E180M/4C**	139390	529	
	4,3	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	153266	539	
	4,9	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153572	585	
	5,4	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	5,6	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	6,5	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	7,5	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	4,5	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143570	890	336
	5,1	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	147005	965	
	5,4	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	6,1	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	7,0	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	7,9	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	147350	1065	
Ø340	1,8	**M4 (1Am)**	9,2	6,9	14186	**213,15**	**VR673.1K-3EC132M/4E**	193088	308	334
	2,1	**M4 (1Am)**	11	7,8	12642	**189,61**	**VR673.1K-3E160M/4C**	174122	359	
	2,4	**M4 (1Am)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	163152	379	
	2,9	**M4 (1Am)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	151963	379	
	1,7	**M8 (5m)**	9,2	6,3	15616	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	2,0	**M8 (5m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	2,4	**M8 (5m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	125610	500	
	2,6	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	128335	500	
	3,0	**M7 (4m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	148048	500	
	3,5	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	4,0	**M7 (4m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	150917	539	
	4,6	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	151283	539	
	5,2	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153572	585	
	5,8	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	6,0	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	6,9	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	160988	621	
	8,0	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	3,8	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	336
	4,3	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	4,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	5,4	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	5,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	6,5	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	7,4	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	8,4	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	147350	1065	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

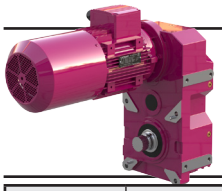


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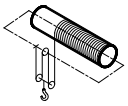
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	1,8	**M8 (5m)**	9,2	6,3	15616	**233,77**	**VR773.1K-3EC132M/4E**	106402	429	335
	2,1	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	2,5	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144492	500	
	2,8	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	3,2	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	3,7	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	4,3	**M6 (3m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	163176	539	
	4,8	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	162381	585	
	5,5	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	6,1	**M6 (3m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	6,4	**M6 (3m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	161288	621	
	7,3	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	8,4	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	2,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	105849	825	336
	2,7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	3,1	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4E**	125889	825	
	3,6	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,1	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	136405	890	
	4,6	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	5,1	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	5,7	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	6,0	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	6,9	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	7,9	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	147823	1065	
	8,9	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø380	1,9	**M7 (4m)**	9,2	6,3	15616	**233,77**	**VR773.1K-3EC132M/4E**	134569	429	335
	2,2	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	2,6	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	140118	500	
	2,9	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	3,4	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	163612	529	
	3,9	**M6 (3m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	4,5	**M6 (3m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	5,1	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	162381	585	
	5,8	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	6,5	**M6 (3m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	161310	621	
	6,7	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	171366	621	
	7,7	**M5 (2m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	8,9	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	2,6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	2,9	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	3,3	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	3,8	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	4,3	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	4,8	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	5,4	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	6,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	6,4	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147568	1025	
	7,3	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	8,3	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	147823	1065	
	9,4	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø400	2,0	**M7 (4m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	134569	480	335
	2,3	**M7 (4m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	140563	500	
	2,8	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	3,1	**M6 (3m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	162688	500	
	3,6	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	4,2	**M6 (3m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	4,7	**M6 (3m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	160930	585	
	5,4	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	6,1	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170707	585	

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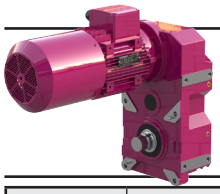
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø400	6,8	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	171417	585	335
	7,1	**M5 (2m)**	37	22	14867	**65,59**	**VR773.1K-3E225S/4C**	168334	585	
	8,2	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	645	
	9,4	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	2,7	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	3,0	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	3,4	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	4,0	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	130758	890	
	4,5	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	5,1	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	5,7	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	6,3	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144142	1025	
	6,7	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147568	1025	
	7,7	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	8,8	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	9,9	**M8 (5m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	145520	1180	
Ø420	2,1	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	2,4	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	2,9	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	3,3	**M6 (3m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	162688	529	
	3,8	**M5 (2m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	178134	529	
	4,4	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	5,0	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	174430	585	
	5,6	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	6,4	**M5 (2m)**	37	19	17282	**76,29**	**VR773.1K-3E225S/4C**	170707	621	
	7,1	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	168271	621	
	7,4	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	8,6	**M4 (1Am)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	178856	645	
	2,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	3,2	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	3,6	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	4,2	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	130758	890	
	4,7	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	5,3	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	6,0	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	6,7	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144142	1025	
	7,0	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	8,1	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	9,2	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	10,4	**M8 (5m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	143228	1180	
Ø440	2,2	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	2,5	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	3,0	**M5 (2m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	186013	500	
	3,4	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	3,9	**M5 (2m)**	22	11	17286	**128,81**	**VR773.1K-3E180L/4D**	178134	539	
	4,6	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	5,2	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	169296	585	
	5,9	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	3,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	3,3	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	3,8	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	4,4	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	5,0	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	5,6	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	6,2	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	7,0	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	
	7,4	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	

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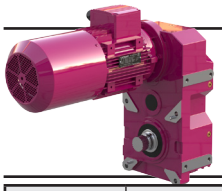


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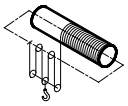
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	8,4	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	336
	9,6	**M8 (5m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	145751	1180	
	10,9	**M8 (5m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	
Ø450	2,2	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	2,6	**M5 (2m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	193027	500	
	3,1	**M5 (2m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	186013	500	
	3,5	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	4,0	**M5 (2m)**	22	11	17286	**128,81**	**VR773.1K-3E180L/4D**	178134	539	
	4,7	**M5 (2m)**	30	13	20384	**111,53**	**VR773.1K-3E200L/4D**	174599	585	
	5,3	**M4 (1Am)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	183837	585	
	6,0	**M4 (1Am)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	182960	585	
	3,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	3,4	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	3,9	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	123602	890	
	4,5	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	5,1	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	5,7	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	6,4	**M8 (5m)**	37	18	18561	**81,40**	**VR873.1K-3E225S/4C**	140383	1025	
	7,1	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141633	1025	
	7,6	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	8,6	**M8 (5m)**	45	24	16708	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	9,8	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	154746	1180	
	11,1	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	

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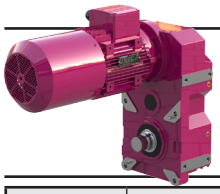
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,1	**M8 (5m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	1,3	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,6	**M8 (5m)**	9,2	11	9001	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	1,8	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	101595	308	
	2,1	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	2,5	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	2,8	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	3,2	**M7 (4m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	3,7	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	2,2	**M8 (5m)**	11	15	6571	**97,55**	**VR773.1K-3E160M/4C**	144234	480	335
	2,5	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	
	2,8	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	3,2	**M8 (5m)**	18,5	22	7715	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	3,3	**M8 (5m)**	18,5	22	7433	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	3,8	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	4,4	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø300	1,1	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,2	**M8 (5m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	1,4	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,7	**M7 (4m)**	9,2	11	9001	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	
	1,9	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	2,3	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	
	2,6	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	3,0	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	3,5	**M7 (4m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	115961	408	
	4,0	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124880	418	
	1,8	**M8 (5m)**	9,2	11	8643	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	335
	2,1	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,4	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	2,7	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	3,0	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	3,4	**M8 (5m)**	18,5	22	7715	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	3,5	**M8 (5m)**	18,5	22	7433	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	4,1	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147287	539	
	4,7	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145321	585	
Ø320	1,1	**M8 (5m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	83481	302	334
	1,3	**M8 (5m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	1,5	**M7 (4m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	110778	302	
	1,8	**M7 (4m)**	9,2	11	9001	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	
	2,1	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	2,4	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	
	2,8	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	3,2	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	124542	408	
	3,7	**M6 (3m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	4,2	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124880	418	
	1,5	**M8 (5m)**	7,5	8,8	7635	**166,50**	**VR773.1K-3E132M/4D**	129498	423	335
	1,6	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	135735	429	
	1,9	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,2	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	2,5	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	2,9	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	3,2	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	3,6	**M8 (5m)**	18,5	22	7715	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	3,8	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	4,3	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	5,0	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145321	585	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

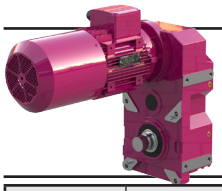


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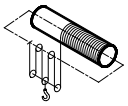
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	1,2	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	104696	302	334
	1,4	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,6	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	
	1,9	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	2,2	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	2,6	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	111606	379	
	3,0	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	123378	379	
	3,4	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	3,9	**M6 (3m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	4,5	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,1	**M8 (5m)**	5,5	6,2	7862	**233,77**	**VR773.1K-3E132S/4C**	114944	413	335
	1,3	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,6	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	1,7	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	2,0	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,3	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	2,7	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	3,0	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	3,4	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	3,8	**M8 (5m)**	22	22	9175	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	4,0	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	4,6	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	5,3	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø360	1,3	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	1,5	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,7	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	106246	308	
	2,1	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	2,3	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	2,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	3,2	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	3,6	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	4,2	**M6 (3m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	4,7	**M6 (3m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	123233	464	
	1,2	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	1,4	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,7	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	1,9	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	2,1	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	2,5	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	2,8	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	3,2	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	3,6	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	4,1	**M8 (5m)**	22	22	9175	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	4,2	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	4,9	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	5,6	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø380	1,4	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	1,5	**M7 (4m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	107207	308	
	1,8	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	106246	308	
	2,2	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	2,4	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	2,9	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	3,3	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	3,8	**M6 (3m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	122399	418	
	4,4	**M5 (2m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	130270	418	
	5,0	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	130958	464	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



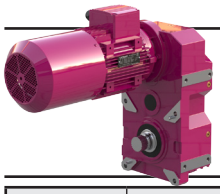
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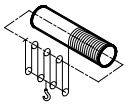
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	1,2	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	1,5	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,7	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	2,0	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,3	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	2,6	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	3,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	3,4	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	3,8	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145676	539	
	4,3	**M8 (5m)**	22	22	9175	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	4,5	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	5,2	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	5,9	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø400	1,4	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	1,6	**M7 (4m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	107207	308	
	1,9	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	2,3	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123236	379	
	2,6	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	3,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	3,5	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	4,0	**M5 (2m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	131680	418	
	1,3	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	1,5	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,8	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	2,1	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,4	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	2,8	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	3,2	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	3,6	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	4,0	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145676	539	
	4,5	**M8 (5m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	146628	585	
	4,7	**M8 (5m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	5,4	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	6,2	**M7 (4m)**	37	30	11284	**49,45**	**VR773.1K-3E225S/4C**	151409	621	
Ø420	1,5	**M6 (3m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	127019	302	334
	1,7	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	121971	308	
	2,0	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	2,4	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123236	379	
	2,7	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	3,2	**M6 (3m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	122100	408	
	3,7	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	4,2	**M5 (2m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	129537	418	
	1,4	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	1,6	**M8 (5m)**	9,2	7,3	13491	**200,14**	**VR773.1K-3E132M/4E**	122614	429	
	1,9	**M8 (5m)**	11	8,8	11198	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	2,2	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	2,5	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	2,9	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	3,3	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	3,8	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	4,2	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	143908	539	
	4,8	**M8 (5m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	146628	585	
	4,9	**M8 (5m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	5,7	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	6,5	**M7 (4m)**	37	30	11284	**49,45**	**VR773.1K-3E225S/4C**	151409	621	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



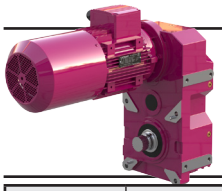
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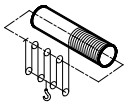
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,1	**M4 (1Am)**	5,5	10	4814	**143,35**	**VR573.1K-3E132S/4C**	115293	194	333
	1,2	**M4 (1Am)**	7,5	12	4816	**126,81**	**VR573.1K-3E132M/4D**	109708	204	
	1,4	**M4 (1Am)**	7,5	14	4915	**107,18**	**VR573.1K-3E132M/4D**	103561	204	
	1,8	**M4 (1Am)**	9,2	17	5900	**87,90**	**VR573.1K-3EC132M/4E**	97955	210	
	2,0	**M4 (1Am)**	11	19	5219	**77,63**	**VR573.1K-3E160M/4C**	97086	261	
	0,7	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	0,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,2	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	1,3	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,5	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	1,8	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	2,0	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	2,3	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	2,7	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø280	0,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	0,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,2	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	103043	302	
	1,3	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,6	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	1,8	**M8 (5m)**	9,2	17	5894	**87,77**	**VR673.1K-3EC132M/4E**	107995	308	
	2,1	**M8 (5m)**	11	19	5125	**76,17**	**VR673.1K-3E160M/4C**	110465	359	
	2,4	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	112595	379	
	2,8	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø290	0,8	**M8 (5m)**	4,0	6,8	5194	**213,15**	**VR673.1K-3E112M/4D**	86040	282	334
	0,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	95170	292	
	1,0	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,2	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,6	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	107981	308	
	1,9	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,2	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	2,5	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	2,9	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø300	0,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	0,9	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,1	**M8 (5m)**	5,5	9,0	5439	**161,66**	**VR673.1K-3E132S/4C**	98877	292	
	1,3	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,4	**M8 (5m)**	7,5	12	5496	**119,86**	**VR673.1K-3E132M/4D**	104981	302	
	1,7	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	2,0	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,3	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	2,6	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	3,0	**M8 (5m)**	15	25	5389	**58,54**	**VR673.1K-3E160L/4E**	112560	379	
Ø320	0,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	86040	292	334
	1,0	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,1	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	1,4	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,5	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	1,8	**M8 (5m)**	9,2	14	6842	**102,10**	**VR673.1K-3EC132M/4E**	105111	308	
	2,1	**M8 (5m)**	11	17	5894	**87,77**	**VR673.1K-3E160M/4C**	107995	359	
	2,4	**M8 (5m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	110465	379	
	2,8	**M8 (5m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	110450	379	
	3,2	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	3,3	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	148625	529	
	3,7	**M7 (4m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	146450	539	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



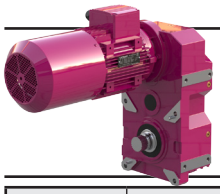
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	0,9	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,0	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,2	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	98877	302	
	1,5	**M8 (5m)**	7,5	11	6158	**134,51**	**VR673.1K-3E132M/4D**	100878	302	
	1,6	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	104981	308	
	1,9	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	2,2	**M8 (5m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	107995	379	
	2,6	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	2,9	**M7 (4m)**	15	22	6120	**66,59**	**VR673.1K-3E160L/4E**	117837	379	
	3,4	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	119396	408	
	2,6	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	335
	2,9	**M8 (5m)**	15	22	6277	**68,02**	**VR773.1K-3E160L/4E**	149785	500	
	3,0	**M8 (5m)**	15	23	6048	**65,59**	**VR773.1K-3E160L/4E**	149571	500	
	3,5	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	4,0	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	146450	539	
Ø360	1,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,1	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,3	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	1,5	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100878	308	
	1,7	**M8 (5m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	101611	308	
	2,0	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105111	359	
	2,4	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	2,7	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	3,1	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	3,5	**M7 (4m)**	18,5	25	6646	**58,54**	**VR673.1K-3E180M/4C**	117744	408	
	2,4	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	335
	2,7	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	3,1	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	3,2	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	3,7	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147306	529	
	4,2	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	145304	539	
Ø380	1,0	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	1,1	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	1,3	**M8 (5m)**	7,5	9,0	7417	**161,66**	**VR673.1K-3E132M/4D**	96278	302	
	1,6	**M8 (5m)**	9,2	11	9032	**134,51**	**VR673.1K-3EC132M/4E**	100878	308	
	1,8	**M7 (4m)**	9,2	12	8061	**119,86**	**VR673.1K-3EC132M/4E**	112605	308	
	2,1	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114895	359	
	2,5	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	2,9	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	3,3	**M7 (4m)**	18,5	22	7548	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	3,7	**M7 (4m)**	22	25	7903	**58,54**	**VR673.1K-3E180L/4D**	117744	418	
	2,0	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140996	480	335
	2,2	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	2,5	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	2,9	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	3,2	**M8 (5m)**	18,5	22	7742	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	3,3	**M8 (5m)**	18,5	23	7459	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	3,9	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147306	539	
	4,4	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	145304	539	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

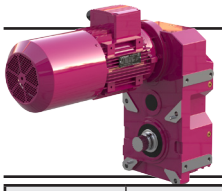


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	2,3	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	2,6	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	2,9	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	3,4	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	3,8	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134685	965	
	4,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	4,8	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	5,4	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	144128	1025	
	5,7	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	6,5	**M8 (5m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	148175	1065	
	7,5	**M8 (5m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	145751	1180	
	8,4	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø360	2,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	2,7	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	3,1	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	3,6	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	4,1	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	4,6	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	5,1	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	5,7	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	6,1	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	6,9	**M7 (4m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	7,9	**M7 (4m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	154747	1180	
	8,9	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø380	2,6	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	2,9	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	3,3	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	3,8	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128763	965	
	4,3	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	4,8	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	5,4	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	6,0	**M7 (4m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	6,4	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	155035	1065	
	7,3	**M7 (4m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	8,3	**M7 (4m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	9,4	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152131	1310	
Ø400	2,7	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	3,0	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	113850	890	
	3,5	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	4,0	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	4,5	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	5,1	**M8 (5m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	135943	1025	
	5,7	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	6,3	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152246	1065	
	6,7	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	7,7	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	8,8	**M7 (4m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	9,9	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	147553	1310	
Ø420	2,8	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	3,2	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	113850	890	
	3,6	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	4,1	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	4,7	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	5,3	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	148742	1025	
	6,0	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	6,7	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	7,1	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	8,1	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	9,2	**M7 (4m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	152152	1310	
	10,4	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	

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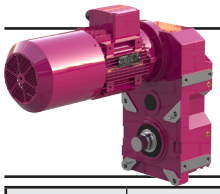
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø440	3,0	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	3,3	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	3,8	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	4,3	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	5,0	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144946	1025	
	5,6	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	6,3	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	7,0	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	7,4	**M7 (4m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	8,5	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	151961	1180	
	9,7	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	10,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø460	3,1	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	3,5	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	4,0	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	4,5	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	5,2	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144946	1025	
	5,8	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	6,5	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	7,3	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	7,7	**M6 (3m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	8,8	**M6 (3m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	10,1	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	11,4	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø480	3,3	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	3,6	**M7 (4m)**	30	9,6	27998	**152,83**	**VR873.1K-3EC180L/4E**	133100	890	
	4,1	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	4,7	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	5,4	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	141423	970	
	6,1	**M7 (4m)**	45	16	25160	**91,16**	**VR873.1K-3E225M/4D**	145627	1065	
	6,8	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	7,6	**M6 (3m)**	55	20	24669	**73,09**	**VR873.1K-3E250M/4D**	160601	1180	
	8,1	**M6 (3m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	159294	1180	
	9,2	**M6 (3m)**	75	25	27810	**60,33**	**VR873.1K-4E280S/4D**	161460	1310	
	10,5	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	11,9	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

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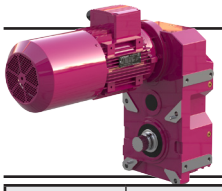


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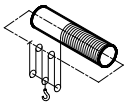
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	1,0	**M8 (5m)**	7,5	6,3	10684	**233,77**	**VR773.1K-3E132M/4D**	111776	423	335
	1,2	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	1,5	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125610	429	
	1,7	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,9	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	2,2	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	2,5	**M8 (5m)**	18,5	15	11014	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	2,9	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	142757	529	
	3,2	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	3,6	**M8 (5m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	146628	585	
	3,8	**M8 (5m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	4,3	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	5,0	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
Ø340	1,1	**M8 (5m)**	7,5	6,3	10684	**233,77**	**VR773.1K-3E132M/4D**	111776	423	335
	1,3	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	1,6	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	1,8	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	2,0	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	2,3	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	2,7	**M8 (5m)**	18,5	15	11014	**97,55**	**VR773.1K-3E180M/4C**	137152	529	
	3,1	**M8 (5m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	140774	539	
	3,4	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	143899	539	
	3,9	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	155573	585	
	4,0	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	4,6	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	5,3	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
	3,8	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	150281	965	336
	4,4	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	4,9	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	5,6	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø360	1,2	**M8 (5m)**	7,5	6,3	10684	**233,77**	**VR773.1K-3E132M/4D**	111776	423	335
	1,4	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	1,7	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	1,9	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	2,2	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	2,5	**M8 (5m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	2,8	**M8 (5m)**	18,5	15	11014	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	3,2	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	153266	539	
	3,6	**M7 (4m)**	30	19	14060	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	4,1	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151965	585	
	4,2	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	4,9	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	5,6	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	3,4	**M8 (5m)**	22	18	11036	**81,40**	**VR873.1K-3E180L/4D**	143544	890	336
	3,8	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	147005	965	
	4,0	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	4,6	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150242	965	
	5,2	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	5,9	**M8 (5m)**	37	32	10672	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø380	1,2	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	1,5	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	1,7	**M8 (5m)**	11	8,8	15217	**166,50**	**VR773.1K-3E160M/4C**	125610	480	
	2,0	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	2,3	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	2,6	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	3,0	**M7 (4m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	148682	539	
	3,4	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	151283	539	

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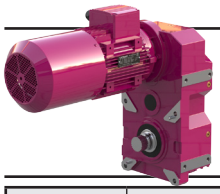
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	3,8	**M7 (4m)**	30	19	14060	**76,29**	**VR773.1K-3E200L/4D**	153560	585	335
	4,3	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151965	585	
	4,5	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	5,2	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	5,9	**M6 (3m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	158211	621	
	2,8	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	336
	3,2	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	141051	890	
	3,6	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	143544	965	
	4,0	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,3	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	4,9	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	5,5	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	6,3	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	
Ø400	1,3	**M8 (5m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	1,5	**M8 (5m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,8	**M8 (5m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	125610	500	
	2,1	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	2,4	**M7 (4m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	148048	500	
	2,8	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	3,2	**M7 (4m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	3,6	**M7 (4m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	151283	585	
	4,0	**M6 (3m)**	30	19	14060	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	4,5	**M6 (3m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	161312	585	
	4,7	**M6 (3m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	161292	585	
	5,4	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	6,2	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	2,6	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	336
	3,0	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	136441	890	
	3,4	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	3,8	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	143544	965	
	4,2	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,5	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147581	965	
	5,1	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	5,8	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	6,6	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø420	1,4	**M8 (5m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	106402	429	335
	1,6	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	1,9	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144492	500	
	2,2	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	2,5	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	2,9	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	145658	529	
	3,3	**M6 (3m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	160945	539	
	3,8	**M6 (3m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	162381	585	
	4,2	**M6 (3m)**	30	19	14060	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	4,8	**M6 (3m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	161312	585	
	4,9	**M6 (3m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	161292	621	
	5,7	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	6,6	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	168060	645	
	1,9	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	105849	825	336
	2,1	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	2,4	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	2,8	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	3,1	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	136441	890	
	3,6	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	4,0	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	4,4	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147581	965	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

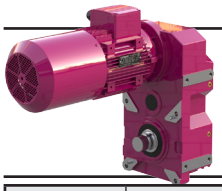


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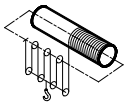
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø420	5,4	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	336
	6,1	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	147829	1065	
	6,9	**M8 (5m)**	45	32	12979	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø440	1,4	**M7 (4m)**	9,2	6,3	15670	**233,77**	**VR773.1K-3EC132M/4E**	134569	429	335
	1,7	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	2,0	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	140118	500	
	2,3	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	2,6	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	163612	529	
	3,0	**M6 (3m)**	22	13	14999	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	3,5	**M6 (3m)**	22	15	13098	**97,55**	**VR773.1K-3E180L/4D**	160945	539	
	3,9	**M6 (3m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	4,4	**M6 (3m)**	30	19	14060	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	2,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	2,2	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	2,5	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	2,9	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	3,3	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	3,7	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	4,2	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	4,6	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	4,9	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147581	1025	
	5,6	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	6,4	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	147829	1065	
	7,3	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	145524	1180	
Ø460	1,5	**M7 (4m)**	11	6,3	15670	**233,77**	**VR773.1K-3E160M/4C**	134569	480	335
	1,7	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	2,1	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	2,3	**M6 (3m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	162688	500	
	2,7	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	3,1	**M6 (3m)**	22	13	14999	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	3,6	**M6 (3m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	160945	585	
	4,0	**M6 (3m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	4,5	**M5 (2m)**	30	19	14060	**76,29**	**VR773.1K-3E200L/4D**	170703	585	
	2,0	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	2,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	2,6	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	3,0	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	3,4	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134685	890	
	3,8	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	4,3	**M8 (5m)**	30	18	15049	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	4,7	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144142	965	
	5,0	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147581	1025	
	5,8	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	6,5	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	7,4	**M8 (5m)**	55	32	15863	**46,82**	**VR873.1K-3E250M/4D**	145524	1180	

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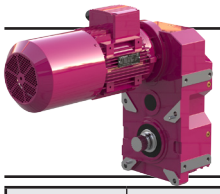
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	0,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	0,8	**M8 (5m)**	5,5	7,7	6364	**189,61**	**VR673.1K-3E132S/4C**	92889	292	
	1,0	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,2	**M8 (5m)**	9,2	11	9001	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	1,3	**M8 (5m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	101595	308	
	1,6	**M8 (5m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	105095	359	
	1,8	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	116815	379	
	2,1	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	2,4	**M7 (4m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	2,8	**M7 (4m)**	18,5	25	6623	**58,54**	**VR673.1K-3E180M/4C**	117739	408	
	1,9	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	147036	500	335
	2,1	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	2,4	**M8 (5m)**	18,5	22	7715	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	2,5	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	149571	529	
	2,9	**M8 (5m)**	18,5	26	6450	**56,82**	**VR773.1K-3E180M/4C**	147287	529	
	3,3	**M8 (5m)**	22	30	6709	**49,45**	**VR773.1K-3E180L/4D**	145321	539	
Ø300	0,8	**M8 (5m)**	5,5	6,8	7142	**213,15**	**VR673.1K-3E132S/4C**	83481	292	334
	0,9	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	92889	302	
	1,1	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,3	**M8 (5m)**	9,2	11	9001	**134,51**	**VR673.1K-3EC132M/4E**	100847	308	
	1,4	**M7 (4m)**	9,2	12	8034	**119,86**	**VR673.1K-3EC132M/4E**	112584	308	
	1,7	**M7 (4m)**	11	14	6842	**102,10**	**VR673.1K-3E160M/4C**	114875	359	
	2,0	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	2,3	**M7 (4m)**	15	19	6989	**76,17**	**VR673.1K-3E160L/4E**	116054	379	
	2,6	**M7 (4m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	117837	408	
	3,0	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124880	418	
	1,6	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	335
	1,8	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	2,0	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	2,3	**M8 (5m)**	15	19	7030	**76,29**	**VR773.1K-3E160L/4E**	147444	500	
	2,6	**M8 (5m)**	18,5	22	7715	**68,02**	**VR773.1K-3E180M/4C**	149785	529	
	2,6	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	3,1	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	147287	539	
	3,5	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145321	585	
Ø320	0,9	**M8 (5m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	83481	302	334
	1,0	**M8 (5m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	89848	302	
	1,1	**M8 (5m)**	7,5	9,1	7392	**161,66**	**VR673.1K-3E132M/4D**	96243	302	
	1,4	**M7 (4m)**	9,2	11	9001	**134,51**	**VR673.1K-3EC132M/4E**	109524	308	
	1,5	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	1,8	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	114875	379	
	2,1	**M7 (4m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	113998	379	
	2,4	**M7 (4m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	116054	408	
	2,8	**M6 (3m)**	18,5	22	7523	**66,59**	**VR673.1K-3E180M/4C**	123716	408	
	3,2	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	124880	418	
	1,4	**M8 (5m)**	9,2	11	8643	**128,81**	**VR773.1K-3EC132M/4E**	137126	429	335
	1,7	**M8 (5m)**	11	13	7500	**111,53**	**VR773.1K-3E160M/4C**	140963	480	
	1,9	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	144234	500	
	2,1	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	2,4	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	2,7	**M8 (5m)**	18,5	22	7715	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	2,8	**M8 (5m)**	18,5	23	7433	**65,59**	**VR773.1K-3E180M/4C**	148050	529	
	3,3	**M8 (5m)**	22	26	7671	**56,82**	**VR773.1K-3E180L/4D**	145972	539	
	3,7	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	145321	585	
Ø340	0,9	**M8 (5m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	83481	302	334
	1,0	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

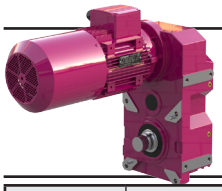


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	1,2	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	334
	1,5	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	1,6	**M7 (4m)**	11	12	8034	**119,86**	**VR673.1K-3E160M/4C**	112584	359	
	1,9	**M7 (4m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	111606	379	
	2,2	**M6 (3m)**	15	17	8038	**87,77**	**VR673.1K-3E160L/4E**	123378	379	
	2,6	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	124542	408	
	3,0	**M6 (3m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	3,4	**M6 (3m)**	22	25	7877	**58,54**	**VR673.1K-3E180L/4D**	123233	418	
	1,2	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	335
	1,3	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	1,5	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	1,8	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	2,0	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	2,3	**M8 (5m)**	15	17	7913	**85,99**	**VR773.1K-3E160L/4E**	144762	500	
	2,6	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	2,9	**M8 (5m)**	18,5	22	7715	**68,02**	**VR773.1K-3E180M/4C**	148206	529	
	3,0	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	3,5	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	4,0	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø360	1,0	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	1,1	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,3	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	110778	308	
	1,5	**M7 (4m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	109524	359	
	1,7	**M7 (4m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	112584	379	
	2,0	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	2,4	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	2,7	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	3,1	**M6 (3m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	123716	418	
	3,6	**M6 (3m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	123233	464	
	0,9	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	1,0	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,2	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	1,4	**M8 (5m)**	9,2	9,8	10033	**148,95**	**VR773.1K-3EC132M/4E**	132294	429	
	1,6	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	
	1,9	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	140963	500	
	2,1	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	2,4	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	2,7	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	147444	529	
	3,1	**M8 (5m)**	22	22	9175	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	3,2	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	148050	539	
	3,7	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145972	585	
	4,2	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø380	1,0	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	1,2	**M7 (4m)**	7,5	7,7	8679	**189,61**	**VR673.1K-3E132M/4D**	107207	302	
	1,3	**M7 (4m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	106246	308	
	1,6	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	1,8	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	2,1	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	2,5	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	2,9	**M6 (3m)**	18,5	19	8620	**76,17**	**VR673.1K-3E180M/4C**	122399	408	
	3,3	**M6 (3m)**	22	22	8946	**66,59**	**VR673.1K-3E180L/4D**	121840	418	
	3,8	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	130958	464	
	0,9	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	1,1	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,3	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	1,5	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	1,7	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137126	480	

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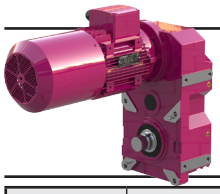


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	2,0	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	335
	2,2	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	2,5	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	2,9	**M8 (5m)**	18,5	19	8671	**76,29**	**VR773.1K-3E180M/4C**	145676	529	
	3,2	**M8 (5m)**	22	22	9175	**68,02**	**VR773.1K-3E180L/4D**	148206	539	
	3,3	**M8 (5m)**	22	23	8840	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	3,9	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	4,4	**M8 (5m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	142692	585	
Ø400	1,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	1,2	**M7 (4m)**	9,2	7,7	12729	**189,61**	**VR673.1K-3EC132M/4E**	107207	308	
	1,4	**M6 (3m)**	9,2	9,1	10841	**161,66**	**VR673.1K-3EC132M/4E**	122575	308	
	1,7	**M6 (3m)**	11	11	12274	**134,51**	**VR673.1K-3E160M/4C**	123236	359	
	1,9	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	2,3	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	2,6	**M6 (3m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	3,0	**M5 (2m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	131680	418	
	1,0	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	1,1	**M8 (5m)**	7,5	7,3	9198	**200,14**	**VR773.1K-3E132M/4D**	122614	423	
	1,4	**M8 (5m)**	9,2	8,8	11198	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	1,5	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	1,8	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	2,1	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	2,4	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	2,7	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	3,0	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145676	539	
	3,4	**M8 (5m)**	22	22	9175	**68,02**	**VR773.1K-3E180L/4D**	146628	539	
	3,5	**M8 (5m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	4,1	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142965	585	
	4,7	**M7 (4m)**	30	30	9149	**49,45**	**VR773.1K-3E200L/4D**	151409	585	
Ø420	1,1	**M7 (4m)**	7,5	6,8	9739	**213,15**	**VR673.1K-3E132M/4D**	101284	302	334
	1,3	**M6 (3m)**	9,2	7,7	12729	**189,61**	**VR673.1K-3EC132M/4E**	127293	308	
	1,5	**M6 (3m)**	11	9,1	10841	**161,66**	**VR673.1K-3E160M/4C**	122575	359	
	1,8	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123236	379	
	2,0	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	2,4	**M6 (3m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	122100	408	
	2,8	**M5 (2m)**	18,5	17	9913	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	3,2	**M5 (2m)**	22	19	10250	**76,17**	**VR673.1K-3E180L/4D**	131680	418	
	1,0	**M8 (5m)**	7,5	6,2	10720	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	1,2	**M8 (5m)**	9,2	7,3	13491	**200,14**	**VR773.1K-3EC132M/4E**	122614	429	
	1,5	**M8 (5m)**	11	8,8	11198	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,6	**M8 (5m)**	11	9,8	10033	**148,95**	**VR773.1K-3E160M/4C**	132294	480	
	1,9	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137126	500	
	2,2	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	2,5	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	2,8	**M8 (5m)**	18,5	17	9759	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	3,2	**M8 (5m)**	22	19	10311	**76,29**	**VR773.1K-3E180L/4D**	145676	539	
	3,6	**M8 (5m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	146628	585	
	3,7	**M8 (5m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	4,3	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151779	585	
	4,9	**M7 (4m)**	37	30	11284	**49,45**	**VR773.1K-3E225S/4C**	151409	621	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



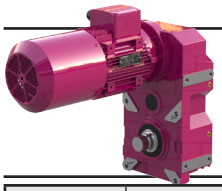
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	2,4	**M8 (5m)**	22	8,7	22927	**170,32**	**VR873.1K-3E180L/4D**	99554	890	336
	2,7	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	3,1	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121311	965	
	3,6	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	4,1	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144900	970	
	4,6	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	5,1	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149184	1065	
	5,7	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	6,1	**M7 (4m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	6,9	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	7,9	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	9,0	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø380	2,6	**M8 (5m)**	22	8,7	22927	**170,32**	**VR873.1K-3E180L/4D**	99554	890	336
	2,9	**M7 (4m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	133124	890	
	3,3	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	3,8	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	4,3	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144900	970	
	4,8	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	5,4	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	146005	1065	
	6,0	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	160600	1180	
	6,4	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	7,3	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161465	1310	
	8,4	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	9,5	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø400	2,7	**M7 (4m)**	22	8,7	22927	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	3,0	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133100	890	
	3,5	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	4,0	**M7 (4m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	140300	970	
	4,5	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	5,1	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	159350	1065	
	5,7	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	6,3	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	160600	1180	
	6,7	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	7,7	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161465	1310	
	8,8	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	10,0	**M6 (3m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	156863	1370	
Ø420	2,8	**M7 (4m)**	22	8,7	22927	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	3,2	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	127139	890	
	3,6	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	4,2	**M7 (4m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	140300	970	
	4,7	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	156901	970	
	5,3	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	6,0	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	158347	1180	
	6,7	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	7,1	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	8,1	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	155573	1310	
	9,2	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	166537	1310	
	10,5	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	
Ø440	3,0	**M7 (4m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	3,3	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	127139	890	
	3,8	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	4,4	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	5,6	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	156901	1065	
	6,3	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	155793	1180	
	7,0	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	158347	1180	
	7,4	**M6 (3m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	157024	1310	
	8,5	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	159292	1310	
	9,7	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	165849	1310	
	11,0	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166537	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



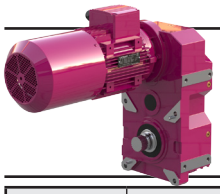
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø460	3,1	**M6 (3m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	154700	890	336
	3,5	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	4,0	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155600	965	
	4,6	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	5,9	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	156901	1065	
	6,6	**M5 (2m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	155793	1180	
	7,7	**M5 (2m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	169288	1310	
	8,9	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	170512	1310	
	10,1	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	165849	1370	
	11,5	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166537	1370	
Ø480	3,3	**M6 (3m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	3,6	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	4,1	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155600	970	
	4,8	**M5 (2m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	174392	970	
	6,1	**M5 (2m)**	55	14	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	6,8	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	8,1	**M5 (2m)**	75	20	31653	**69,01**	**VR873.1K-4E280S/4D**	163755	1310	
	9,3	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-4E280S/4D**	176717	1310	
	10,6	**M4 (1Am)**	90	25	29223	**53,03**	**VR873.1K-4E280M/4E**	177292	1370	
Ø500	3,4	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	3,8	**M5 (2m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	182835	890	
	4,3	**M5 (2m)**	37	11	30407	**134,22**	**VR873.1K-3EC200L/4D**	175358	970	
	6,4	**M5 (2m)**	55	14	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	7,1	**M4 (1Am)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	182603	1180	
	8,4	**M4 (1Am)**	75	20	31653	**69,01**	**VR873.1K-4E280S/4D**	175686	1310	
	9,6	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-4E280S/4D**	176717	1310	
	11,0	**M4 (1Am)**	90	25	29223	**53,03**	**VR873.1K-4E280M/4E**	173401	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



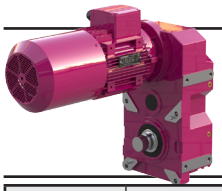
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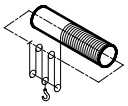
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	1,2	**M7 (4m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	134471	480	335
	1,4	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	1,7	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	1,9	**M6 (3m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	162688	500	
	2,2	**M6 (3m)**	18,5	11	14487	**128,81**	**VR773.1K-3E180M/4C**	160619	500	
	2,5	**M6 (3m)**	22	13	14999	**111,53**	**VR773.1K-3E180L/4D**	161914	529	
	2,8	**M6 (3m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	160945	539	
	3,2	**M6 (3m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	157848	585	
	3,6	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170703	585	
	4,1	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	171417	585	
	4,2	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	171366	585	
	4,9	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	621	
	5,6	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	1,6	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,8	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	2,1	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	2,4	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	130718	890	
	2,7	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	3,0	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139526	965	
	3,4	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,8	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	4,0	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147568	1025	
	4,6	**M8 (5m)**	37	24	13710	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	5,3	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	5,9	**M8 (5m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	145524	1180	
Ø380	1,3	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168604	480	335
	1,5	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	1,8	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	2,0	**M6 (3m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	162688	529	
	2,3	**M6 (3m)**	18,5	11	14487	**128,81**	**VR773.1K-3E180M/4C**	160619	529	
	2,6	**M5 (2m)**	22	13	14999	**111,53**	**VR773.1K-3E180L/4D**	174576	539	
	3,0	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	174450	585	
	3,4	**M5 (2m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	3,8	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170703	585	
	4,3	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	168271	621	
	4,5	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	5,2	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	645	
	5,9	**M4 (1Am)**	55	30	16716	**49,45**	**VR773.1K-3ED225M/4E**	175859	760	
	1,7	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,9	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	2,2	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,5	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	130718	890	
	2,8	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	3,2	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	3,6	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	4,0	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144128	1025	
	4,3	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	4,9	**M8 (5m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	5,5	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145753	1065	
	6,3	**M8 (5m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	145524	1180	
Ø400	1,3	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168604	480	335
	1,5	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	1,8	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	2,1	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	2,4	**M5 (2m)**	22	11	17228	**128,81**	**VR773.1K-3E180L/4D**	178098	539	
	2,8	**M5 (2m)**	22	13	14999	**111,53**	**VR773.1K-3E180L/4D**	174576	539	
	3,2	**M5 (2m)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	169299	585	
	3,6	**M5 (2m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	169983	585	
	4,0	**M4 (1Am)**	37	19	17282	**76,29**	**VR773.1K-3E225S/4C**	182425	621	
	4,5	**M4 (1Am)**	37	22	15426	**68,02**	**VR773.1K-3E225S/4C**	178963	621	
	4,7	**M4 (1Am)**	37	23	14862	**65,59**	**VR773.1K-3E225S/4C**	178995	621	
	5,4	**M4 (1Am)**	45	26	15685	**56,82**	**VR773.1K-3E225M/4D**	175850	645	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



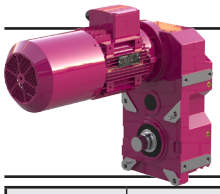
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø400	1,8	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	2,0	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	2,3	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,6	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	3,0	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	3,4	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	3,8	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	4,2	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	4,5	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	5,1	**M8 (5m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	5,8	**M8 (5m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	145753	1180	
	6,6	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	
Ø420	1,4	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168604	480	335
	1,6	**M5 (2m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	193027	500	
	1,9	**M5 (2m)**	18,5	8,8	18768	**166,50**	**VR773.1K-3E180M/4C**	186013	529	
	2,2	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	179786	529	
	2,5	**M5 (2m)**	22	11	17228	**128,81**	**VR773.1K-3E180L/4D**	178098	539	
	2,9	**M5 (2m)**	30	13	20453	**111,53**	**VR773.1K-3E200L/4D**	174576	585	
	3,3	**M4 (1Am)**	30	15	17861	**97,55**	**VR773.1K-3E200L/4D**	183846	585	
	3,8	**M4 (1Am)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	182960	585	
	4,2	**M4 (1Am)**	37	19	17282	**76,29**	**VR773.1K-3E225S/4C**	182425	621	
	4,8	**M4 (1Am)**	45	22	18767	**68,02**	**VR773.1K-3E225M/4D**	178963	645	
	4,9	**M4 (1Am)**	45	23	18081	**65,59**	**VR773.1K-3E225M/4D**	178995	645	
	5,7	**M4 (1Am)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	175850	645	
	1,9	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	2,1	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	2,4	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	123602	890	
	2,8	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128730	890	
	3,1	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,5	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	4,0	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140383	1025	
	4,4	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	4,7	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	5,4	**M8 (5m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	6,1	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	154749	1180	
	6,9	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152135	1180	
Ø440	2,0	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	2,2	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	2,5	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	123602	890	
	2,9	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	128730	965	
	3,3	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,7	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	4,2	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140383	1025	
	4,6	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	4,9	**M7 (4m)**	45	21	19082	**69,01**	**VR873.1K-3E225M/4D**	155040	1065	
	5,6	**M7 (4m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	6,4	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	7,3	**M7 (4m)**	75	32	21647	**46,82**	**VR873.1K-4E280S/4D**	152135	1310	
Ø460	2,0	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	2,3	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	2,6	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121311	890	
	3,0	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	128730	965	
	3,4	**M8 (5m)**	30	14	18947	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,8	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135959	965	
	4,3	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137589	1025	
	4,8	**M7 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	152246	1025	
	5,0	**M7 (5m)**	45	21	19082	**69,01**	**VR873.1K-3E225M/4D**	155040	1065	
	5,8	**M7 (5m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	6,6	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	152151	1180	
	7,4	**M7 (4m)**	75	32	21647	**46,82**	**VR873.1K-4E280S/4D**	152135	1310	

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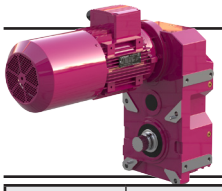


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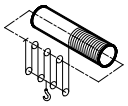
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø300	0,8	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	334
	0,9	**M7 (4m)**	7,5	7,7	8649	**189,61**	**VR673.1K-3E132M/4D**	107152	302	
	1,1	**M7 (4m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	106217	308	
	1,3	**M6 (3m)**	11	11	9001	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	1,4	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	124506	379	
	1,7	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	2,0	**M6 (3m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	123378	408	
	2,3	**M6 (3m)**	18,5	19	8590	**76,17**	**VR673.1K-3E180M/4C**	122393	408	
	2,6	**M6 (3m)**	22	22	8976	**66,59**	**VR673.1K-3E180L/4D**	121840	418	
	3,0	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	130962	464	
	0,7	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	114944	423	335
	0,9	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	1,0	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	129498	429	
	1,2	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,3	**M8 (5m)**	11	11	8643	**128,81**	**VR773.1K-3E160M/4C**	137090	480	
	1,6	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	1,8	**M8 (5m)**	15	15	8961	**97,55**	**VR773.1K-3E160L/4E**	141659	500	
	2,0	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	144762	529	
	2,3	**M8 (5m)**	18,5	19	8641	**76,29**	**VR773.1K-3E180M/4C**	145661	529	
	2,5	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	148191	539	
	2,6	**M8 (5m)**	22	23	8870	**65,59**	**VR773.1K-3E180L/4D**	146529	539	
	3,1	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	145986	585	
	3,5	**M8 (5m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	142683	585	
Ø320	0,9	**M7 (4m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	101210	302	334
	1,0	**M7 (4m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	107152	308	
	1,1	**M6 (3m)**	9,2	9,1	10804	**161,66**	**VR673.1K-3EC132M/4E**	122536	308	
	1,4	**M6 (3m)**	11	11	12274	**134,51**	**VR673.1K-3E160M/4C**	123203	359	
	1,5	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	1,8	**M6 (3m)**	15	14	9330	**102,10**	**VR673.1K-3E160L/4E**	122100	379	
	2,1	**M6 (3m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	120914	408	
	2,4	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	131671	418	
	2,8	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130270	464	
	3,2	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	0,8	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	0,9	**M8 (5m)**	7,5	7,3	9167	**200,14**	**VR773.1K-3E132M/4D**	122543	423	
	1,1	**M8 (5m)**	9,2	8,8	11159	**166,50**	**VR773.1K-3EC132M/4E**	125657	429	
	1,2	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,4	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	1,7	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	1,9	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	2,2	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	2,4	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	2,7	**M8 (5m)**	22	22	9206	**68,02**	**VR773.1K-3E180L/4D**	146618	539	
	2,8	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	3,3	**M8 (5m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	142970	585	
	3,7	**M7 (4m)**	30	30	9118	**49,45**	**VR773.1K-3E200L/4D**	151398	585	
Ø340	0,9	**M6 (3m)**	7,5	6,9	9705	**213,15**	**VR673.1K-3E132M/4D**	126919	302	334
	1,0	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	127223	308	
	1,2	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	1,5	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	123203	379	
	1,6	**M6 (3m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	120668	379	
	1,9	**M6 (3m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	122100	408	
	2,2	**M5 (2m)**	18,5	17	9880	**87,77**	**VR673.1K-3E180M/4C**	131243	408	
	2,6	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	2,9	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	130270	464	
	3,4	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



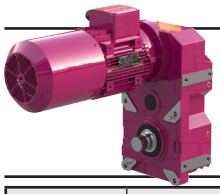
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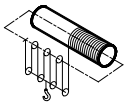
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	0,8	**M8 (5m)**	7,5	6,2	10718	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	1,0	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	1,2	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,3	**M8 (5m)**	11	9,9	9999	**148,95**	**VR773.1K-3E160M/4C**	132254	480	
	1,5	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	137090	500	
	1,8	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	2,0	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	141659	529	
	2,3	**M8 (5m)**	18,5	17	9726	**85,99**	**VR773.1K-3E180M/4C**	142772	529	
	2,6	**M8 (5m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	145661	539	
	2,9	**M8 (5m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	146618	585	
	3,0	**M8 (5m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	146529	585	
	3,5	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	4,0	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
Ø360	1,0	**M6 (3m)**	9,2	6,9	14234	**213,15**	**VR673.1K-3EC132M/4E**	126919	308	334
	1,1	**M6 (3m)**	9,2	7,7	12686	**189,61**	**VR673.1K-3EC132M/4E**	121919	308	
	1,3	**M6 (3m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	122536	359	
	1,5	**M6 (3m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	118902	379	
	1,7	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	2,0	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	133758	408	
	2,4	**M5 (2m)**	22	17	11749	**87,77**	**VR673.1K-3E180L/4D**	131243	418	
	2,7	**M5 (2m)**	22	19	10216	**76,17**	**VR673.1K-3E180L/4D**	129536	418	
	3,1	**M5 (2m)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	125981	464	
	3,6	**M5 (2m)**	30	25	10741	**58,54**	**VR673.1K-3E200L/4D**	127185	464	
	0,9	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	1,0	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	122543	429	
	1,2	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,4	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	1,6	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	1,9	**M8 (5m)**	15	13	10227	**111,53**	**VR773.1K-3E160L/4E**	138024	500	
	2,1	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	139405	529	
	2,4	**M8 (5m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	142772	539	
	2,7	**M7 (4m)**	22	19	10276	**76,29**	**VR773.1K-3E180L/4D**	153560	539	
	3,1	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	155561	585	
	3,2	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	3,7	**M7 (4m)**	30	26	10460	**56,82**	**VR773.1K-3E200L/4D**	151786	585	
	4,2	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	151398	621	
	3,0	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	146980	965	336
	3,5	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	150258	965	
	3,9	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	4,5	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	149644	1025	
	4,5	**M8 (5m)**	37	32	10693	**46,82**	**VR873.1K-3E225S/4C**	147359	1025	
Ø380	1,0	**M6 (3m)**	9,2	6,9	14234	**213,15**	**VR673.1K-3EC132M/4E**	126919	308	334
	1,2	**M6 (3m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	121919	359	
	1,4	**M5 (2m)**	11	9,1	10804	**161,66**	**VR673.1K-3E160M/4C**	141525	359	
	1,6	**M5 (2m)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	134529	379	
	1,8	**M5 (2m)**	15	12	10955	**119,86**	**VR673.1K-3E160L/4E**	134063	379	
	2,1	**M5 (2m)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	130898	408	
	2,5	**M5 (2m)**	22	17	11749	**87,77**	**VR673.1K-3E180L/4D**	131243	418	
	2,9	**M4 (1Am)**	30	19	13930	**76,17**	**VR673.1K-3E200L/4D**	139457	464	
	3,3	**M4 (1Am)**	30	22	12241	**66,59**	**VR673.1K-3E200L/4D**	134944	464	
	0,9	**M8 (5m)**	7,5	6,2	10684	**233,77**	**VR773.1K-3E132M/4D**	111863	423	335
	1,1	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	1,3	**M8 (5m)**	11	8,8	11159	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,5	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	1,7	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	2,0	**M8 (5m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	138024	529	
	2,2	**M8 (5m)**	18,5	15	11052	**97,55**	**VR773.1K-3E180M/4C**	139405	529	

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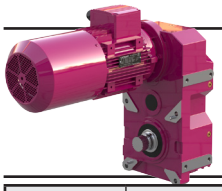
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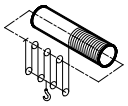
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø380	2,6	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	153284	539	335
	2,9	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	3,2	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	3,3	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	3,9	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151786	621	
	4,4	**M7 (4m)**	37	30	11246	**49,45**	**VR773.1K-3E225S/4C**	149105	621	
	2,7	**M8 (5m)**	22	18	10999	**81,40**	**VR873.1K-3E180L/4D**	143544	890	336
	3,0	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	146980	965	
	3,2	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,6	**M8 (5m)**	30	24	11139	**60,33**	**VR873.1K-3E200L/4D**	150256	965	
	4,1	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	4,7	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	
Ø400	1,1	**M5 (2m)**	9,2	6,9	14234	**213,15**	**VR673.1K-3EC132M/4E**	153288	308	334
	1,2	**M5 (2m)**	11	7,7	12686	**189,61**	**VR673.1K-3E160M/4C**	145979	359	
	1,4	**M5 (2m)**	15	9,1	14733	**161,66**	**VR673.1K-3E160L/4E**	141525	379	
	1,7	**M4 (1Am)**	15	11	12274	**134,51**	**VR673.1K-3E160L/4E**	151963	379	
	1,9	**M4 (1Am)**	18,5	12	13511	**119,86**	**VR673.1K-3E180M/4C**	148787	408	
	2,3	**M4 (1Am)**	18,5	14	11506	**102,10**	**VR673.1K-3E180M/4C**	143568	408	
	2,6	**M4 (1Am)**	22	17	11749	**87,77**	**VR673.1K-3E180L/4D**	139905	418	
	1,0	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	1,1	**M8 (5m)**	9,2	7,3	13445	**200,14**	**VR773.1K-3EC132M/4E**	117932	429	
	1,4	**M8 (5m)**	11	8,8	15217	**166,50**	**VR773.1K-3E160M/4C**	125657	480	
	1,5	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	132254	500	
	1,8	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	2,1	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	2,4	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	2,7	**M7 (4m)**	22	17	11566	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	3,0	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153560	585	
	3,4	**M7 (4m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	3,5	**M7 (4m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	151972	585	
	4,1	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151786	621	
	4,7	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	2,2	**M8 (5m)**	18,5	14	11684	**102,78**	**VR873.1K-3E180M/4C**	136441	875	336
	2,5	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	141084	890	
	2,8	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143544	965	
	3,2	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,3	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,8	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150256	1025	
	4,4	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	4,9	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	147359	1065	
Ø420	1,0	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	111863	429	335
	1,2	**M8 (5m)**	11	7,3	13445	**200,14**	**VR773.1K-3E160M/4C**	117932	480	
	1,5	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144551	500	
	1,6	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	1,9	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	2,2	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	2,5	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150936	539	
	2,8	**M7 (4m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	151295	585	
	3,2	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	3,6	**M6 (3m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	3,7	**M6 (3m)**	30	23	12095	**65,59**	**VR773.1K-3E200L/4D**	161292	585	
	4,3	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	4,9	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



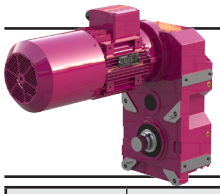
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø420	1,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	105936	825	336
	1,6	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	1,8	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4E**	125889	825	
	2,1	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2,4	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	136441	890	
	2,7	**M8 (5m)**	22	16	12301	**91,16**	**VR873.1K-3E180L/4D**	139526	890	
	3,0	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143544	965	
	3,3	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,5	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	4,0	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	150256	1025	
	4,6	**M8 (5m)**	37	28	12095	**53,03**	**VR873.1K-3E225S/4C**	147829	1025	
	5,2	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	
Ø440	1,1	**M8 (5m)**	9,2	6,2	15670	**233,77**	**VR773.1K-3EC132M/4E**	106471	429	335
	1,3	**M7 (4m)**	11	7,3	13445	**200,14**	**VR773.1K-3E160M/4C**	140636	480	
	1,5	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144551	500	
	1,7	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	2,0	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	2,3	**M7 (4m)**	18,5	13	12613	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	2,6	**M6 (3m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	160945	539	
	3,0	**M6 (3m)**	30	17	15771	**85,99**	**VR773.1K-3E200L/4D**	162396	585	
	3,3	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159676	585	
	3,7	**M6 (3m)**	30	22	12554	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	1,5	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	105936	825	336
	1,7	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	1,9	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	2,2	**M8 (5m)**	18,5	13	13261	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2,5	**M8 (5m)**	22	14	13895	**102,78**	**VR873.1K-3E180L/4D**	136441	890	
	2,8	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	139526	965	
	3,1	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	3,5	**M8 (5m)**	30	20	13529	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,7	**M8 (5m)**	30	21	12765	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	4,2	**M8 (5m)**	37	24	13738	**60,33**	**VR873.1K-3E225S/4C**	148186	1025	
	4,8	**M8 (5m)**	45	28	14711	**53,03**	**VR873.1K-3E225M/4D**	147829	1065	
	5,4	**M8 (5m)**	45	32	13006	**46,82**	**VR873.1K-3E225M/4D**	145524	1065	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



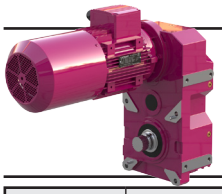
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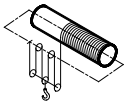
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	2,4	**M7 (4m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	2,7	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	152412	890	
	3,1	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	3,6	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	154104	970	
	4,6	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	156890	1065	
	5,1	**M6 (3m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	155794	1180	
	5,7	**M5 (2m)**	55	20	24603	**73,09**	**VR873.1K-3E250M/4D**	158348	1180	
	6,1	**M5 (2m)**	75	21	31589	**69,01**	**VR873.1K-4E280S/4D**	169292	1310	
	7,0	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	170518	1310	
	7,9	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	165862	1370	
	9,0	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166546	1370	
Ø380	2,6	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148197	890	336
	2,9	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	152412	890	
	3,3	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155560	970	
	3,8	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	154104	970	
	4,8	**M5 (2m)**	55	16	30710	**91,16**	**VR873.1K-3E250M/4D**	171051	1180	
	5,4	**M5 (2m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	167961	1180	
	6,4	**M5 (2m)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	163784	1310	
	7,4	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	165862	1310	
	8,4	**M4 (1Am)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	177299	1370	
	9,5	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	174140	1370	
Ø400	2,7	**M6 (3m)**	30	8,6	31158	**170,32**	**VR873.1K-3EC180L/4E**	148197	890	336
	3,0	**M5 (2m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	182750	890	
	3,5	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	175314	970	
	5,1	**M5 (2m)**	55	16	30710	**91,16**	**VR873.1K-3E250M/4D**	174372	1180	
	5,7	**M4 (1Am)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	171051	1180	
	6,8	**M4 (1Am)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	175265	1310	
	7,7	**M4 (1Am)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	175712	1310	
	8,8	**M4 (1Am)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	176729	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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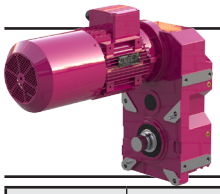


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	1,5	**M8 (5m)**	18,5	8,6	19214	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	1,7	**M8 (5m)**	18,5	9,7	17265	**152,83**	**VR873.1K-3E180M/4C**	113796	875	
	1,9	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	2,2	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,6	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	2,9	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,2	**M8 (5m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	3,6	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141623	1025	
	3,8	**M8 (5m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	145207	1065	
	4,4	**M7 (4m)**	45	24	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	5,0	**M7 (4m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	154747	1180	
	5,6	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø360	1,6	**M8 (5m)**	18,5	8,6	19214	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	1,8	**M8 (5m)**	18,5	9,7	17265	**152,83**	**VR873.1K-3E180M/4C**	113796	875	
	2,1	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,4	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128763	965	
	2,7	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,0	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,4	**M8 (5m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	3,8	**M7 (4m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	152241	1025	
	4,0	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	155035	1065	
	4,6	**M7 (4m)**	45	24	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	5,3	**M7 (4m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	6,0	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152131	1310	
Ø380	1,7	**M8 (5m)**	18,5	8,6	19214	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	1,9	**M8 (5m)**	22	9,7	20532	**152,83**	**VR873.1K-3E180L/4D**	113796	890	
	2,2	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,5	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	2,9	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	3,2	**M8 (5m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	135943	1025	
	3,6	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	4,0	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152241	1065	
	4,3	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	4,9	**M7 (4m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	5,6	**M7 (4m)**	55	28	17895	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	6,3	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	147553	1310	
Ø400	1,8	**M8 (5m)**	18,5	8,6	19214	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	2,0	**M8 (5m)**	22	9,7	20532	**152,83**	**VR873.1K-3E180L/4D**	113796	890	
	2,3	**M8 (5m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	2,6	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124193	965	
	3,0	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144923	965	
	3,4	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,8	**M7 (4m)**	37	18	18460	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	4,2	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	4,5	**M7 (4m)**	45	21	19056	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	5,1	**M7 (4m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	151960	1180	
	5,8	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	6,6	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø420	1,9	**M8 (5m)**	22	8,6	22849	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	2,1	**M8 (5m)**	22	9,7	20532	**152,83**	**VR873.1K-3E180L/4D**	111190	890	
	2,4	**M8 (5m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	2,8	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	3,2	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144900	970	
	3,6	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	4,0	**M7 (4m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	4,4	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	4,7	**M7 (4m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	5,4	**M6 (3m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	161459	1180	
	6,1	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	7,0	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power /* Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz. /** *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



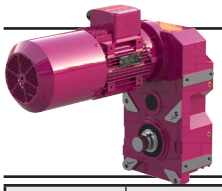
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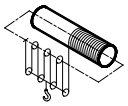
Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø440	2,0	**M8 (5m)**	22	8,6	22849	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	2,2	**M8 (5m)**	22	9,7	20532	**152,83**	**VR873.1K-3E180L/4D**	111190	890	
	2,5	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,9	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	3,3	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144900	970	
	3,7	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	4,2	**M7 (4m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	4,7	**M6 (3m)**	55	20	24669	**73,09**	**VR873.1K-3E250M/4D**	160599	1180	
	4,9	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	5,6	**M6 (3m)**	55	24	20394	**60,33**	**VR873.1K-3E250M/4D**	161459	1180	
	6,4	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	7,3	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø460	2,1	**M7 (4m)**	22	8,6	22849	**170,32**	**VR873.1K-3E180L/4D**	122983	890	336
	2,3	**M7 (4m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	133060	890	
	2,6	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	3,0	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140352	965	
	3,5	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	3,9	**M7 (4m)**	45	16	25160	**91,16**	**VR873.1K-3E225M/4D**	145627	1065	
	4,4	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	4,9	**M6 (3m)**	55	20	24669	**73,09**	**VR873.1K-3E250M/4D**	160599	1180	
	5,2	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159294	1180	
	5,9	**M6 (3m)**	75	24	27810	**60,33**	**VR873.1K-4E280S/4D**	161459	1310	
	6,7	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	7,6	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø480	2,2	**M7 (4m)**	22	8,6	22849	**170,32**	**VR873.1K-3E180L/4D**	122983	890	336
	2,4	**M7 (4m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	133062	890	
	2,8	**M7 (4m)**	30	11	24655	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	3,2	**M7 (4m)**	37	13	26522	**116,84**	**VR873.1K-3EC200L/4D**	140300	970	
	3,6	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	4,1	**M6 (3m)**	45	16	25160	**91,16**	**VR873.1K-3E225M/4D**	159360	1065	
	4,6	**M6 (3m)**	45	18	22452	**81,40**	**VR873.1K-3E225M/4D**	158349	1065	
	5,1	**M6 (3m)**	55	20	24669	**73,09**	**VR873.1K-3E250M/4D**	157026	1180	
	5,4	**M6 (3m)**	55	21	23291	**69,01**	**VR873.1K-3E250M/4D**	159294	1180	
	6,2	**M6 (3m)**	75	24	27810	**60,33**	**VR873.1K-4E280S/4D**	155547	1310	
	7,0	**M6 (3m)**	75	28	24402	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	8,0	**M5 (2m)**	90	32	25888	**46,82**	**VR873.1K-4E280M/4E**	166920	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

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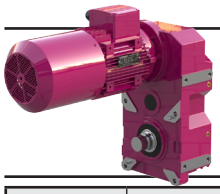
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø320	0,9	**M5 (2m)**	9,2	6,9	12642	**213,15**	**VR673.1K-3EC132M/4E**	153176	308	334
	1,0	**M5 (2m)**	11	7,8	14733	**189,61**	**VR673.1K-3E160M/4C**	145907	359	
	1,1	**M5 (2m)**	15	9,1	12274	**161,66**	**VR673.1K-3E160L/4E**	141525	379	
	1,4	**M4 (1Am)**	15	11	13465	**134,51**	**VR673.1K-3E160L/4E**	151963	379	
	1,5	**M4 (1Am)**	18,5	12	11467	**119,86**	**VR673.1K-3E180M/4C**	148787	408	
	1,8	**M4 (1Am)**	18,5	14	11789	**102,10**	**VR673.1K-3E180M/4C**	143555	408	
	2,1	**M4 (1Am)**	22	17	13930	**87,77**	**VR673.1K-3E180L/4D**	139905	418	
	2,4	**M4 (1Am)**	30	19	10250	**76,17**	**VR673.1K-3E200L/4D**	139462	464	
	0,8	**M8 (5m)**	9,2	6,3	15616	**233,77**	**VR773.1K-3EC132M/4E**	111776	429	335
	0,9	**M8 (5m)**	9,2	7,3	13399	**200,14**	**VR773.1K-3EC132M/4E**	117877	429	
	1,1	**M8 (5m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	125610	500	
	1,2	**M8 (5m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	128335	500	
	1,4	**M8 (5m)**	15	11	11786	**128,81**	**VR773.1K-3E160L/4E**	133702	500	
	1,7	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	150802	529	
	1,9	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150917	539	
	2,1	**M7 (4m)**	22	17	11605	**85,99**	**VR773.1K-3E180L/4D**	151295	539	
	2,4	**M7 (4m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	153572	585	
	2,7	**M7 (4m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	151966	585	
	2,8	**M7 (4m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	151971	585	
	3,3	**M7 (4m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	151779	621	
	3,7	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	1,8	**M8 (5m)**	18,5	14	11645	**102,78**	**VR873.1K-3E180M/4C**	136405	875	336
	2,0	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	141051	890	
	2,3	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	2,5	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	2,7	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,1	**M8 (5m)**	37	24	13710	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	3,5	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	4,0	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	147350	1065	
Ø340	0,8	**M8 (5m)**	9,2	6,3	15616	**233,77**	**VR773.1K-3EC132M/4E**	106402	429	335
	1,0	**M8 (5m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	117877	480	
	1,2	**M7 (4m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	144492	500	
	1,3	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	
	1,5	**M7 (4m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	148048	529	
	1,8	**M7 (4m)**	18,5	13	12570	**111,53**	**VR773.1K-3E180M/4C**	148230	529	
	2,0	**M7 (4m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	150917	539	
	2,3	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	162396	585	
	2,6	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	2,9	**M6 (3m)**	30	22	12511	**68,02**	**VR773.1K-3E200L/4D**	161310	585	
	3,0	**M6 (3m)**	30	23	12054	**65,59**	**VR773.1K-3E200L/4D**	161288	585	
	3,5	**M6 (3m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	158357	621	
	4,0	**M6 (3m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	158211	645	
	1,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	105849	825	336
	1,3	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	1,5	**M8 (5m)**	15	11	12327	**134,22**	**VR873.1K-3E160L/4E**	125889	825	
	1,7	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	1,9	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	136405	890	
	2,2	**M8 (5m)**	22	16	12342	**91,16**	**VR873.1K-3E180L/4D**	139498	890	
	2,4	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	143570	965	
	2,7	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	2,9	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,3	**M8 (5m)**	37	24	13710	**60,33**	**VR873.1K-3E225S/4C**	150242	1025	
	3,7	**M8 (5m)**	37	28	12071	**53,03**	**VR873.1K-3E225S/4C**	147823	1025	
	4,2	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø360	0,9	**M7 (4m)**	9,2	6,3	15666	**233,77**	**VR773.1K-3EC132M/4E**	134569	429	335
	1,0	**M7 (4m)**	11	7,3	13396	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	1,2	**M7 (4m)**	15	8,8	15213	**166,50**	**VR773.1K-3E160L/4E**	140118	500	

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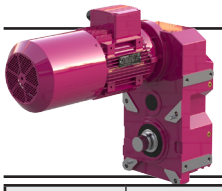


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	1,4	**M7 (4m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	144686	500	335
	1,6	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	163612	529	
	1,9	**M6 (3m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	2,1	**M6 (3m)**	22	15	13143	**97,55**	**VR773.1K-3E180L/4D**	160930	539	
	2,4	**M6 (3m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	162396	585	
	2,7	**M6 (3m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	159677	585	
	3,1	**M6 (3m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	161310	621	
	3,2	**M6 (3m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	161288	621	
	3,7	**M5 (2m)**	37	26	12901	**56,82**	**VR773.1K-3E225S/4C**	168318	621	
	4,2	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	1,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,4	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	1,5	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	1,8	**M8 (5m)**	18,5	13	13216	**116,84**	**VR873.1K-3E180M/4C**	130758	875	
	2,0	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	2,3	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	2,6	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	2,9	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,0	**M8 (5m)**	30	21	12721	**69,01**	**VR873.1K-3E200L/4D**	147568	965	
	3,5	**M8 (5m)**	37	24	13710	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	3,9	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	147823	1065	
	4,5	**M8 (5m)**	45	32	12988	**46,82**	**VR873.1K-3E225M/4D**	145520	1065	
Ø380	0,9	**M7 (4m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	134569	480	335
	1,1	**M7 (4m)**	11	7,3	13399	**200,14**	**VR773.1K-3E160M/4C**	140563	480	
	1,3	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	1,5	**M6 (3m)**	15	9,9	13635	**148,95**	**VR773.1K-3E160L/4E**	162688	500	
	1,7	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	2,0	**M6 (3m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	161940	539	
	2,2	**M6 (3m)**	30	15	17922	**97,55**	**VR773.1K-3E200L/4D**	160930	585	
	2,5	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169987	585	
	2,9	**M5 (2m)**	30	19	14013	**76,29**	**VR773.1K-3E200L/4D**	170707	585	
	3,2	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	171417	621	
	3,4	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	171366	621	
	3,9	**M5 (2m)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	168318	645	
	4,4	**M5 (2m)**	45	30	13677	**49,45**	**VR773.1K-3E225M/4D**	165440	645	
	1,3	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,4	**M8 (5m)**	15	9,6	14046	**152,83**	**VR873.1K-3E160L/4E**	116460	825	
	1,6	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	125889	875	
	1,9	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	130758	890	
	2,1	**M8 (5m)**	22	14	13848	**102,78**	**VR873.1K-3E180L/4D**	134655	890	
	2,4	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	139498	965	
	2,7	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,0	**M8 (5m)**	30	20	13483	**73,09**	**VR873.1K-3E200L/4D**	144128	965	
	3,2	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	147568	1025	
	3,7	**M8 (5m)**	37	24	13710	**60,33**	**VR873.1K-3E225S/4C**	148179	1025	
	4,2	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	4,7	**M8 (5m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	145520	1180	
Ø400	1,0	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	1,2	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	1,4	**M6 (3m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	161330	500	
	1,5	**M6 (3m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	162688	529	
	1,8	**M6 (3m)**	18,5	11	14536	**128,81**	**VR773.1K-3E180M/4C**	160648	529	
	2,1	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	2,4	**M5 (2m)**	30	15	17922	**97,55**	**VR773.1K-3E200L/4D**	174430	585	
	2,7	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169987	585	
	3,0	**M5 (2m)**	37	19	17282	**76,29**	**VR773.1K-3E225S/4C**	170707	621	
	3,4	**M5 (2m)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	168271	621	
	3,5	**M5 (2m)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	168334	621	
	4,1	**M4 (1Am)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	178856	645	

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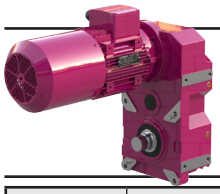


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø400	1,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,5	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	1,7	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,0	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	130758	890	
	2,3	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	2,5	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,8	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,2	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	144128	1025	
	3,4	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	3,8	**M8 (5m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	148179	1065	
	4,4	**M8 (5m)**	45	28	14681	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	5,0	**M8 (5m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	145520	1180	
Ø420	1,0	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	1,2	**M6 (3m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	166812	500	
	1,5	**M5 (2m)**	15	8,8	15217	**166,50**	**VR773.1K-3E160L/4E**	186013	500	
	1,6	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	183216	529	
	1,9	**M5 (2m)**	22	11	17286	**128,81**	**VR773.1K-3E180L/4D**	178134	539	
	2,2	**M5 (2m)**	22	13	14948	**111,53**	**VR773.1K-3E180L/4D**	174599	539	
	2,5	**M5 (2m)**	30	15	17922	**97,55**	**VR773.1K-3E200L/4D**	169296	585	
	2,8	**M5 (2m)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	169987	585	
	3,2	**M4 (1Am)**	37	19	17282	**76,29**	**VR773.1K-3E225S/4C**	182433	621	
	3,6	**M4 (1Am)**	37	22	15431	**68,02**	**VR773.1K-3E225S/4C**	178963	621	
	3,7	**M4 (1Am)**	37	23	14867	**65,59**	**VR773.1K-3E225S/4C**	178995	621	
	4,3	**M4 (1Am)**	45	26	15690	**56,82**	**VR773.1K-3E225M/4D**	175850	645	
	1,4	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,6	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	1,8	**M8 (5m)**	18,5	11	15204	**134,22**	**VR873.1K-3E180M/4C**	123602	875	
	2,1	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,4	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134655	965	
	2,7	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,0	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140383	965	
	3,3	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,5	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	4,0	**M8 (5m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	4,6	**M8 (5m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	145751	1180	
	5,2	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	
Ø440	1,1	**M6 (3m)**	11	6,3	15616	**233,77**	**VR773.1K-3E160M/4C**	168737	480	335
	1,3	**M5 (2m)**	15	7,3	18272	**200,14**	**VR773.1K-3E160L/4E**	193027	500	
	1,5	**M5 (2m)**	18,5	8,8	18768	**166,50**	**VR773.1K-3E180M/4C**	186013	529	
	1,7	**M5 (2m)**	18,5	9,9	16817	**148,95**	**VR773.1K-3E180M/4C**	179786	529	
	2,0	**M5 (2m)**	22	11	17286	**128,81**	**VR773.1K-3E180L/4D**	178134	539	
	2,3	**M5 (2m)**	30	13	20384	**111,53**	**VR773.1K-3E200L/4D**	174599	585	
	2,6	**M4 (1Am)**	30	15	17922	**97,55**	**VR773.1K-3E200L/4D**	183837	585	
	3,0	**M4 (1Am)**	30	17	15825	**85,99**	**VR773.1K-3E200L/4D**	182968	585	
	1,5	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,7	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,9	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	123602	890	
	2,2	**M8 (5m)**	22	13	15716	**116,84**	**VR873.1K-3E180L/4D**	128763	890	
	2,5	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	2,8	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,1	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140383	1025	
	3,5	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,7	**M8 (5m)**	37	21	15690	**69,01**	**VR873.1K-3E225S/4C**	145210	1025	
	4,2	**M7 (4m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	4,8	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	154746	1180	
	5,4	**M7 (4m)**	55	32	15874	**46,82**	**VR873.1K-3E250M/4D**	152133	1180	

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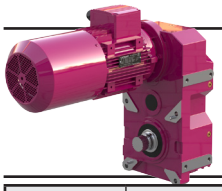


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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø450	1,5	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	1,7	**M8 (5m)**	18,5	9,6	17324	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,9	**M8 (5m)**	22	11	18080	**134,22**	**VR873.1K-3E180L/4D**	123602	890	
	2,2	**M8 (5m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	128763	965	
	2,5	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130648	965	
	2,8	**M8 (5m)**	30	16	16831	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	3,2	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140383	1025	
	3,6	**M8 (5m)**	37	20	16630	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,8	**M8 (5m)**	45	21	19082	**69,01**	**VR873.1K-3E225M/4D**	145210	1065	
	4,3	**M7 (4m)**	45	24	16675	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	4,9	**M7 (4m)**	55	28	17943	**53,03**	**VR873.1K-3E250M/4D**	152153	1180	
	5,6	**M7 (4m)**	75	32	21647	**46,82**	**VR873.1K-4E280S/4D**	152133	1310	

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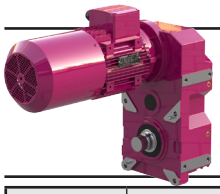
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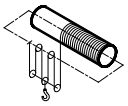
Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	1,6	**M8 (5m)**	22	8,7	22927	**170,32**	**VR873.1K-3E180L/4D**	99554	890	336
	1,8	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	2,1	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,4	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,7	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144900	970	
	3,1	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	3,4	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149184	1065	
	3,8	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	4,0	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	4,6	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	5,3	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156381	1310	
	6,0	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø380	1,7	**M8 (5m)**	22	8,7	22927	**170,32**	**VR873.1K-3E180L/4D**	96646	890	336
	1,9	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133120	890	
	2,2	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,5	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,9	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	3,2	**M7 (4m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	145621	1065	
	3,6	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	4,0	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	160600	1180	
	4,3	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	4,9	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161465	1310	
	5,6	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156381	1310	
	6,3	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø400	1,8	**M7 (4m)**	22	8,7	22927	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	2,0	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133120	890	
	2,3	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,6	**M7 (4m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	140300	970	
	3,0	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	3,4	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	159350	1065	
	3,8	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	4,2	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	4,5	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	5,1	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161465	1310	
	5,9	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156381	1310	
	6,6	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	
Ø420	1,9	**M7 (4m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	2,1	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	127139	890	
	2,4	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,8	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	158100	970	
	3,2	**M6 (3m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	156901	970	
	3,6	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	4,0	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	158347	1180	
	4,4	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	4,7	**M6 (3m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	159292	1310	
	5,4	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	155573	1310	
	6,2	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	166546	1310	
	7,0	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	
Ø440	2,0	**M7 (4m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	2,2	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	2,5	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155561	965	
	2,9	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	3,7	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	4,2	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	158347	1180	
	4,7	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	4,9	**M5 (2m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	170512	1310	
	5,7	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	165849	1310	
	6,4	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	166546	1310	
	7,3	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	163500	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

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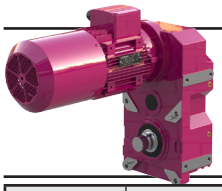


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø460	2,1	**M6 (3m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	2,3	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	2,6	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155560	970	
	3,0	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	3,9	**M5 (2m)**	55	16	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	4,4	**M5 (2m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	5,2	**M5 (2m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	163755	1310	
	5,9	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	165849	1310	
	6,7	**M4 (1Am)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	177299	1370	
	7,6	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	174140	1370	
Ø480	2,2	**M6 (3m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	2,4	**M6 (3m)**	30	9.6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	2,8	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	179800	970	
	4,1	**M5 (2m)**	55	16	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	4,6	**M5 (2m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	5,4	**M4 (1Am)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	175686	1310	
	6,2	**M4 (1Am)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	176717	1310	
	7,0	**M4 (1Am)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	177299	1370	
Ø500	2,3	**M5 (2m)**	30	8,7	31264	**170,32**	**VR873.1K-3EC180L/4E**	188137	890	336
	2,5	**M5 (2m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	182835	890	
	2,9	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	175314	970	
	4,2	**M4 (1Am)**	55	14	30689	**91,16**	**VR873.1K-3E250M/4D**	183179	1180	
	5,3	**M4 (1Am)**	75	18	33663	**73,09**	**VR873.1K-4E280S/4D**	175241	1310	
	5,6	**M4 (1Am)**	75	20	31653	**69,01**	**VR873.1K-4E280S/4D**	175686	1310	
	6,4	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-4E280S/4D**	176717	1310	
	7,3	**M4 (1Am)**	90	25	29223	**53,03**	**VR873.1K-4E280M/4E**	173416	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

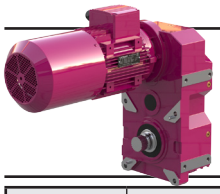


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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø340	1,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,3	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	1,5	**M8 (5m)**	18,5	11	15152	**134,22**	**VR873.1K-3E180M/4C**	123557	875	
	1,7	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	130718	890	
	1,9	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	134685	965	
	2,2	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,4	**M8 (5m)**	30	18	14998	**81,40**	**VR873.1K-3E200L/4D**	140368	965	
	2,7	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	144128	1025	
	2,9	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	3,3	**M8 (5m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	148175	1065	
	3,7	**M8 (5m)**	45	28	14691	**53,03**	**VR873.1K-3E225M/4D**	145751	1065	
	4,2	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø360	1,2	**M8 (5m)**	15	8,6	15632	**170,32**	**VR873.1K-3E160L/4E**	102531	825	336
	1,4	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	116460	875	
	1,6	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	1,8	**M8 (5m)**	22	13	15770	**116,84**	**VR873.1K-3E180L/4D**	130718	890	
	2,0	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,3	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,6	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	2,9	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,0	**M8 (5m)**	37	21	15658	**69,01**	**VR873.1K-3E225S/4C**	145207	1025	
	3,5	**M8 (5m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	145819	1065	
	3,9	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	154747	1180	
	4,5	**M7 (4m)**	55	32	15821	**46,82**	**VR873.1K-3E250M/4D**	152131	1180	
Ø380	1,3	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	1,4	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,6	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	123557	890	
	1,9	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128730	965	
	2,1	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,4	**M8 (5m)**	30	16	16774	**91,16**	**VR873.1K-3E200L/4D**	135943	965	
	2,7	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	140368	1025	
	3,0	**M8 (5m)**	37	20	16596	**73,09**	**VR873.1K-3E225S/4C**	141627	1025	
	3,2	**M8 (5m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	145207	1065	
	3,7	**M7 (4m)**	45	25	16686	**60,33**	**VR873.1K-3E225M/4D**	154910	1065	
	4,2	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	4,7	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152131	1310	
Ø400	1,4	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	102531	875	336
	1,5	**M8 (5m)**	18,5	9,6	17265	**152,83**	**VR873.1K-3E180M/4C**	113850	875	
	1,7	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,0	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	128730	965	
	2,3	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,5	**M8 (5m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	135943	1025	
	2,8	**M8 (5m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	137584	1025	
	3,2	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152246	1065	
	3,4	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	3,8	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	4,4	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	5,0	**M7 (4m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	152131	1310	
Ø420	1,4	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	1,6	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	113850	890	
	1,8	**M8 (5m)**	22	11	18019	**134,22**	**VR873.1K-3E180L/4D**	121274	890	
	2,1	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	2,4	**M8 (5m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	130664	965	
	2,7	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	148742	1025	
	3,0	**M7 (4m)**	37	18	18498	**81,40**	**VR873.1K-3E225S/4C**	149190	1025	
	3,3	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	152246	1065	
	3,5	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	4,0	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	154910	1180	
	4,6	**M7 (4m)**	55	28	17955	**53,03**	**VR873.1K-3E250M/4D**	152152	1180	
	5,2	**M6 (3m)**	75	32	21573	**46,32**	**VR873.1K-4E280S/4D**	156857	1310	

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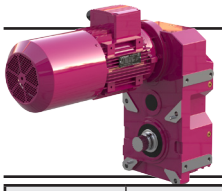
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø440	1,5	**M8 (5m)**	18,5	8,6	19280	**170,32**	**VR873.1K-3E180M/4C**	99619	875	336
	1,7	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	113850	890	
	1,9	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	2,2	**M8 (5m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	124175	965	
	2,5	**M7 (4m)**	30	14	18883	**102,78**	**VR873.1K-3E200L/4D**	144946	965	
	2,8	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,1	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	3,5	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,7	**M7 (4m)**	45	21	19043	**69,01**	**VR873.1K-3E225M/4D**	152343	1065	
	4,2	**M7 (4m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	151961	1180	
	4,8	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	5,5	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø460	1,6	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	1,7	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	2,0	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121274	965	
	2,3	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,6	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144950	970	
	2,9	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,3	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	149190	1065	
	3,7	**M7 (4m)**	45	20	20184	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,9	**M7 (4m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	4,4	**M6 (3m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	5,0	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	5,7	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	
Ø480	1,6	**M8 (5m)**	22	8,6	22927	**170,32**	**VR873.1K-3E180L/4D**	99619	890	336
	1,8	**M8 (5m)**	22	9,6	20532	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	2,1	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134655	965	
	2,4	**M7 (4m)**	30	13	21504	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,7	**M7 (4m)**	37	14	23289	**102,78**	**VR873.1K-3EC200L/4D**	144946	970	
	3,0	**M7 (4m)**	37	16	20687	**91,16**	**VR873.1K-3E225S/4C**	145627	1025	
	3,4	**M7 (4m)**	45	18	22497	**81,40**	**VR873.1K-3E225M/4D**	146004	1065	
	3,8	**M6 (3m)**	55	20	24669	**73,09**	**VR873.1K-3E250M/4D**	160601	1180	
	4,0	**M6 (3m)**	55	21	23275	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	4,6	**M6 (3m)**	55	25	20394	**60,33**	**VR873.1K-3E250M/4D**	161460	1180	
	5,2	**M6 (3m)**	75	28	24484	**53,03**	**VR873.1K-4E280S/4D**	156353	1310	
	6,0	**M6 (3m)**	75	32	21573	**46,82**	**VR873.1K-4E280S/4D**	156857	1310	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



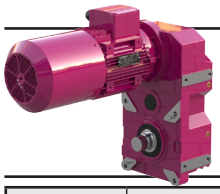
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø360	1,6	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	154854	890	336
	1,8	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	158447	890	
	2,1	**M6 (3m)**	37	11	30243	**134,22**	**VR873.1K-3EC200L/4D**	155561	970	
	2,4	**M6 (3m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	154104	970	
	3,1	**M6 (3m)**	45	16	25126	**91,16**	**VR873.1K-3E225M/4D**	159350	1065	
	3,4	**M5 (2m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	167966	1180	
	4,1	**M5 (2m)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	170518	1310	
	4,6	**M5 (2m)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	165862	1310	
	5,3	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	166546	1370	
	6,0	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	163494	1370	
Ø380	1,7	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148197	890	336
	1,9	**M6 (3m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	2,2	**M6 (3m)**	37	11	30243	**134,22**	**VR873.1K-3EC200L/4D**	155561	970	
	2,5	**M5 (2m)**	37	13	26378	**116,84**	**VR873.1K-3EC200L/4D**	174372	970	
	3,2	**M5 (2m)**	55	16	30710	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	3,6	**M5 (2m)**	55	18	27367	**81,40**	**VR873.1K-3E250M/4D**	167966	1180	
	4,3	**M5 (2m)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	163784	1310	
	4,9	**M4 (1Am)**	75	25	27660	**60,33**	**VR873.1K-4E280S/4D**	176729	1310	
	5,6	**M4 (1Am)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	177299	1370	
Ø400	1,8	**M5 (2m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	188270	890	336
	2,0	**M5 (2m)**	30	9,7	27998	**152,83**	**VR873.1K-3EC180L/4E**	182835	890	
	2,3	**M5 (2m)**	37	11	30243	**134,22**	**VR873.1K-3EC200L/4D**	175314	970	
	3,4	**M4 (1Am)**	55	16	30710	**91,16**	**VR873.1K-3E250M/4D**	183179	1180	
	4,3	**M4 (1Am)**	75	20	33481	**73,09**	**VR873.1K-4E280S/4D**	175265	1310	
	4,5	**M4 (1Am)**	75	22	31589	**69,01**	**VR873.1K-4E280S/4D**	175712	1310	
	5,2	**M4 (1Am)**	90	25	33192	**60,33**	**VR873.1K-4E280M/4E**	176729	1370	
	5,9	**M4 (1Am)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	173416	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



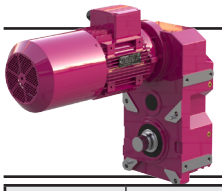
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Tambur Çapı *Drum Diameter* Trommel-durchmesser D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø360	1,2	**M8 (5m)**	18,5	8,7	19214	**170,32**	**VR873.1K-3E180M/4C**	99554	875	336
	1,4	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	1,6	**M8 (5m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	121311	965	
	1,8	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,0	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144900	970	
	2,3	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	2,6	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149184	1065	
	2,9	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,0	**M7 (4m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	152343	1180	
	3,5	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	4,0	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	161552	1310	
	4,5	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø380	1,3	**M8 (5m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	99554	890	336
	1,4	**M8 (5m)**	22	9,6	20601	**152,83**	**VR873.1K-3E180L/4D**	111234	890	
	1,6	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	1,9	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,1	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	144923	970	
	2,4	**M7 (4m)**	37	16	20645	**91,16**	**VR873.1K-3E225S/4C**	145621	1025	
	2,7	**M7 (4m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	149184	1065	
	3,0	**M7 (4m)**	45	20	20198	**73,09**	**VR873.1K-3E225M/4D**	149386	1065	
	3,2	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	162663	1180	
	3,7	**M6 (3m)**	55	25	20325	**60,33**	**VR873.1K-3E250M/4D**	161465	1180	
	4,2	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	4,7	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø400	1,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	1,5	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133120	890	
	1,7	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	2,0	**M7 (4m)**	30	13	21431	**116,84**	**VR873.1K-3E200L/4D**	140325	965	
	2,3	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	2,5	**M7 (4m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	145621	1065	
	2,8	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	3,2	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	160600	1180	
	3,4	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	3,9	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	161465	1310	
	4,4	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	5,0	**M6 (3m)**	75	32	21530	**46,82**	**VR873.1K-4E280S/4D**	156863	1310	
Ø420	1,4	**M7 (4m)**	22	8,7	22849	**170,32**	**VR873.1K-3E180L/4D**	122901	890	336
	1,6	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	133124	890	
	1,8	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	2,1	**M7 (4m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	140300	970	
	2,4	**M7 (4m)**	37	14	23242	**102,78**	**VR873.1K-3EC200L/4D**	141412	970	
	2,7	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	159350	1065	
	3,0	**M6 (3m)**	45	18	22467	**81,40**	**VR873.1K-3E225M/4D**	158347	1065	
	3,3	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	3,5	**M6 (3m)**	55	21	23212	**69,01**	**VR873.1K-3E250M/4D**	159292	1180	
	4,0	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	155573	1310	
	4,6	**M6 (3m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	156370	1310	
	5,2	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	
Ø440	1,5	**M7 (4m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	1,7	**M7 (4m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	127139	890	
	1,9	**M7 (4m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	134686	965	
	2,2	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	158200	970	
	2,8	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	3,1	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	158347	1180	
	3,5	**M6 (3m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	157024	1180	
	3,7	**M6 (3m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	159292	1310	
	4,2	**M6 (3m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	155573	1310	
	4,8	**M5 (2m)**	75	28	24353	**53,03**	**VR873.1K-4E280S/4D**	166537	1310	
	5,5	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	166925	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

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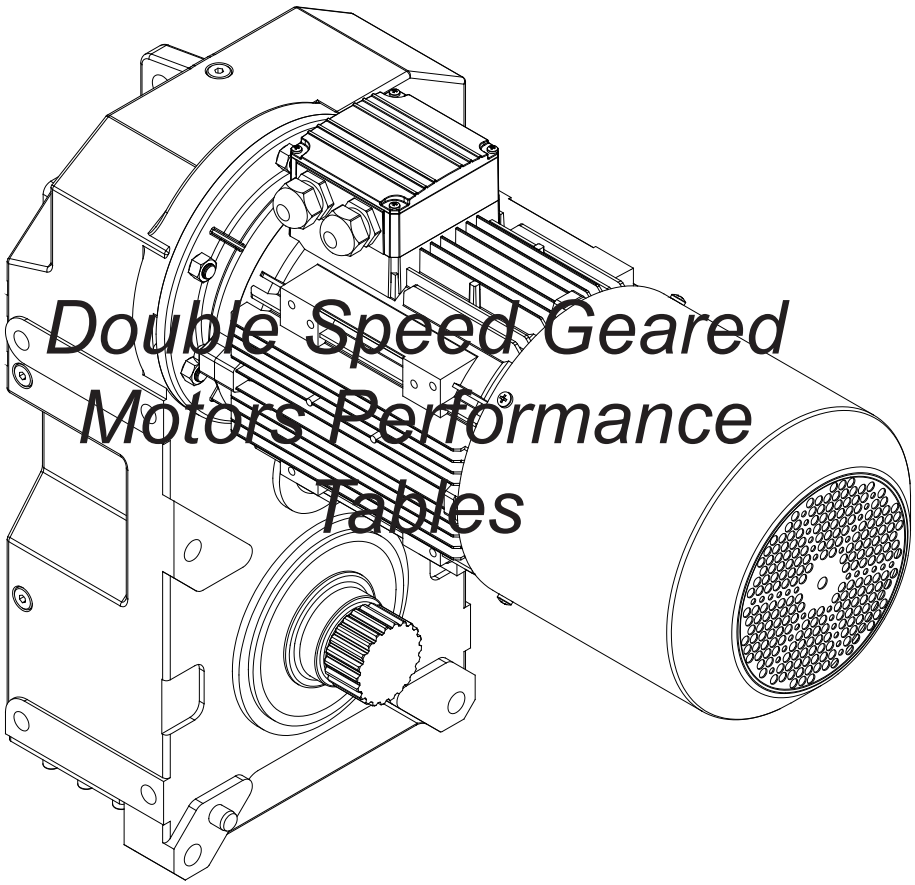
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Tambur Çapı *Drum Diameter* Trommel-durchmesser **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø460	1,6	**M7 (4m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	122900	890	336
	1,7	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	2,0	**M6 (3m)**	30	11	24571	**134,22**	**VR873.1K-3E200L/4D**	155606	965	
	2,3	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	2,9	**M6 (3m)**	45	16	25109	**91,16**	**VR873.1K-3E225M/4D**	155793	1065	
	3,3	**M6 (3m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	158347	1180	
	3,6	**M5 (2m)**	55	20	24686	**73,09**	**VR873.1K-3E250M/4D**	169288	1180	
	3,9	**M5 (2m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	170512	1310	
	4,4	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	165849	1310	
	5,1	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	166537	1370	
	5,7	**M5 (2m)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	163494	1370	
Ø480	1,6	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	1,8	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	2,1	**M6 (3m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	155600	970	
	2,4	**M6 (3m)**	37	13	26432	**116,84**	**VR873.1K-3EC200L/4D**	154117	970	
	3,1	**M5 (2m)**	55	16	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	3,4	**M5 (2m)**	55	18	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	4,0	**M5 (2m)**	75	21	31653	**69,01**	**VR873.1K-4E280S/4D**	170512	1310	
	4,6	**M5 (2m)**	75	25	27716	**60,33**	**VR873.1K-4E280S/4D**	165849	1310	
	5,3	**M5 (2m)**	90	28	29223	**53,03**	**VR873.1K-4E280M/4E**	166537	1370	
	6,0	**M4 (1Am)**	90	32	25836	**46,82**	**VR873.1K-4E280M/4E**	174140	1370	
Ø500	1,7	**M6 (3m)**	30	8,7	31158	**170,32**	**VR873.1K-3EC180L/4E**	148105	890	336
	1,9	**M6 (3m)**	30	9,6	28093	**152,83**	**VR873.1K-3EC180L/4E**	152473	890	
	2,2	**M5 (2m)**	37	11	30304	**134,22**	**VR873.1K-3EC200L/4D**	179945	970	
	3,2	**M5 (2m)**	55	14	30689	**91,16**	**VR873.1K-3E250M/4D**	171049	1180	
	3,6	**M5 (2m)**	55	16	27460	**81,40**	**VR873.1K-3E250M/4D**	167962	1180	
	4,2	**M4 (1Am)**	75	20	31653	**69,01**	**VR873.1K-4E280S/4D**	175686	1310	
	4,8	**M4 (1Am)**	75	21	27716	**60,33**	**VR873.1K-4E280S/4D**	176717	1310	
	5,5	**M4 (1Am)**	90	25	29223	**53,03**	**VR873.1K-4E280M/4E**	177292	1370	

Kompakt Motor. Fren seçimi motor gücüne göre yapılmalıdır. / *Compact Motor. The brake selection should be made according to the motor power* / Kompaktmotor. Die Bremse sollte entsprechend der Motorleistung ausgewählt werden

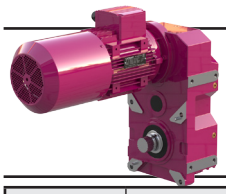
***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.** / *Crane Classes given only for gearboxes and must be calculated for other crane equipments.* / Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

Çift Devirli Motorlu Güç Devir Sayfaları



Double Speed Geared Motors Performance Tables

Leistungs- und Drehzahlübersicht von polumschaltbaren Getriebemotoren

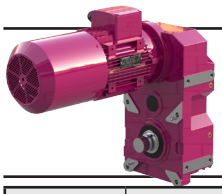


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,1 / 6,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	1,2 / 7,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1,5 / 9,5	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,8 / 10,9	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	2,4 / 15,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	2,9 / 18,1	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	3,5 / 21,6	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	4,1 / 25,0	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	4,9 / 30,0	**M8 (5m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	12583	60	
	5,8 / 35,8	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	14190	60	
Ø110	1,2 / 7,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	1,4 / 8,9	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1,7 / 10,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,9 / 12,9	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	2,2 / 13,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	2,7 / 16,6	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	3,2 / 19,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	3,8 / 23,7	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	17045	53	
	4,5 / 27,5	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	15301	60	
	5,3 / 33,3	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	14743	60	
	6,4 / 39,4	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	14190	60	
	3,9 / 24,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13822	90	331
	4,6 / 28,2	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	5,1 / 31,2	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	5,9 / 36,4	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	6,9 / 42,5	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUE**	12781	90	
Ø120	1,3 / 7,9	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	1,5 / 9,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	1,6 / 9,7	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1,8 / 11,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	2,1 / 13,1	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	2,9 / 18,1	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	18566	53	
	3,5 / 21,7	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	17791	53	
	4,2 / 25,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	17045	53	
	3,4 / 20,9	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUE**	14769	82	331
	4,3 / 26,4	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13822	90	
	5,0 / 30,8	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	5,5 / 34	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	6,4 / 39,7	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	7,5 / 46,3	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø130	1,4 / 8,6	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	21969	53	330
	1,6 / 9,8	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	21448	53	
	1,7 / 10,5	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	21193	53	
	2,0 / 12,3	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	20535	53	
	2,3 / 14,2	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	19945	53	
	2,6 / 16,2	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	19378	53	
	3,2 / 19,6	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	18566	53	
	3,8 / 23,5	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	22166	53	
	1,6 / 9,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,8 / 11,1	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



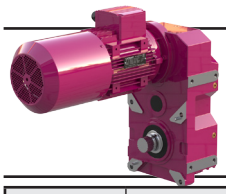
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	2,0 / 12,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	331
	2,4 / 14,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	2,8 / 17,6	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	3,3 / 20,5	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	15190	82	
	3,7 / 22,6	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14769	90	
	4,6 / 28,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	5,4 / 33,4	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	6,0 / 36,9	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	7,0 / 43	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	8,1 / 50,2	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø140	1,5 / 9,2	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	27890	53	330
	1,7 / 10,6	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	27133	53	
	1,8 / 11,3	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	26770	53	
	2,2 / 13,3	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	25847	53	
	2,5 / 15,3	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	25036	53	
	2,8 / 17,5	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	24269	53	
	3,4 / 21,1	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	28994	53	
	4,1 / 25,3	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	27666	53	
	1,7 / 10,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,2 / 13,5	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	2,6 / 16,1	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	3,1 / 18,9	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	3,6 / 22,1	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	15190	82	
	4,0 / 24,4	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14769	90	
	5,0 / 30,8	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	5,8 / 35,9	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	6,4 / 39,7	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	7,5 / 46,3	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E112MUE**	12097	90	
	8,8 / 54,1	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø150	1,8 / 11,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,1 / 12,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,3 / 14,5	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	2,8 / 17,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	3,3 / 20,3	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	3,8 / 23,6	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	15190	90	
	4,2 / 26,1	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14769	90	
	5,3 / 33	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	6,2 / 38,5	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	6,9 / 42,5	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	8,0 / 49,6	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	9,4 / 57,9	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø160	1,9 / 12	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,2 / 13,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,5 / 15,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	3,0 / 18,4	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	3,5 / 21,6	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	4,1 / 25,2	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	15190	90	
	4,5 / 27,9	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14769	90	
	5,7 / 35,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	6,7 / 41,1	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	7,4 / 45,4	**M7 (4m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	8,6 / 52,9	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	10 / 61,8	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø170	2,1 / 12,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,4 / 14,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	

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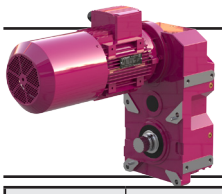


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	2,7 / 16,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	331
	3,2 / 19,5	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	3,7 / 23	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15861	90	
	4,3 / 26,8	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	15190	90	
	4,8 / 29,6	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	6,1 / 37,4	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	7,1 / 43,6	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	7,8 / 48,2	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	12619	107	
	9,1 / 56,2	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	10,6 / 65,6	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø180	2,2 / 13,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,5 / 15,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,8 / 17,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	3,3 / 20,7	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	3,9 / 24,3	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15861	90	
	4,6 / 28,4	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	5,1 / 31,3	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	6,4 / 39,6	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

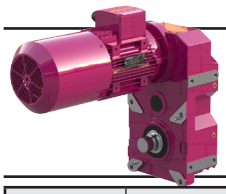


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,7 / 10,8	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	2,9 / 17,9	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø110	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,7 / 4,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,6 / 9,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,2 / 13,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	2,7 / 16,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	3,2 / 19,7	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø120	0,6 / 4,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,8 / 4,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,1 / 6,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,8 / 10,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	2,1 / 12,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	2,9 / 18,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	3,5 / 21,5	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø130	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,1 / 7,1	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,9 / 11,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	2,3 / 14,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,6 / 16,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	3,2 / 19,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	3,8 / 23,3	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø140	0,7 / 4,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1,1 / 6,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,2 / 7,6	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,4 / 8,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,7 / 10,6	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	2,1 / 12,7	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	2,4 / 15,1	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,8 / 17,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	3,4 / 21,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	4,1 / 25,1	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	

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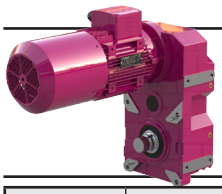
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	1,1 / 6,6	**M5 (2m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	35334	53	330
	1,2 / 7,6	**M5 (2m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	34281	53	
	1,3 / 8,1	**M5 (2m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	33782	53	
	1,5 / 9,5	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	32524	53	
	1,8 / 10,9	**M5 (2m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	31438	53	
	2,0 / 12,5	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	37991	53	
	2,4 / 15,1	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	36147	53	
	2,9 / 18,1	**M4 (1Am)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	34439	53	
	3,5 / 21,6	**M4 (1Am)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUE**	31540	60	
	4,1 / 25,0	**M6 (3m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	19270	60	
	4,9 / 30,0	**M6 (3m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	18501	60	
	5,8 / 35,8	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	17754	60	
Ø110	1,3 / 8,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,5 / 9,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,7 / 10,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	2,0 / 12,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	2,4 / 14,9	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	2,8 / 17,3	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	3,1 / 19,2	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	3,9 / 24,2	**M8 (5m)**	0,8 / 4,9	11 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	4,6 / 28,2	**M7 (4m)**	0,8 / 4,9	13 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	5,1 / 31,2	**M7 (4m)**	1,6 / 9,5	15 / 90	970 / 949	**32,11**	**VR373.1K-E132MUE**	12619	107	
	5,9 / 36,4	**M7 (4m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	12097	107	
	7,0 / 42,8	**M7 (4m)**	1,6 / 9,5	20 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	13505	107	
Ø120	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,7 / 10,2	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,9 / 11,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	2,2 / 13,8	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	2,6 / 16,2	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15861	90	
	3,1 / 18,9	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	3,4 / 20,9	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	4,3 / 26,4	**M7 (4m)**	0,8 / 4,9	11 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	5,0 / 30,8	**M7 (4m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	12967	107	
	5,6 / 34,3	**M7 (4m)**	1,6 / 9,5	15 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	12619	107	
	6,5 / 40,0	**M7 (4m)**	1,6 / 9,5	17 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	11677	107	
	7,6 / 46,7	**M6 (3m)**	1,6 / 9,5	20 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
Ø130	1,6 / 9,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,8 / 11,1	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,0 / 12,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	2,4 / 14,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	2,8 / 17,6	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	3,3 / 20,5	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	3,7 / 22,6	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	4,6 / 28,6	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	5,4 / 33,4	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	12967	107	
	6,0 / 37,2	**M6 (3m)**	1,6 / 4,9	14,6 / 90	970 / 949	**32,11**	**VR373.1K-E132MUE**	15613	107	
	7,0 / 43,4	**M6 (3m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14552	107	
	8,2 / 50,6	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
Ø140	1,7 / 10,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,2 / 13,5	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	2,6 / 16,1	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	16590	90	
	3,1 / 18,9	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	3,6 / 22,1	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	4,0 / 24,4	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	5,0 / 30,8	**M7 (4m)**	1,6 / 9,5	11,3 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	13517	107	
	5,8 / 35,9	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	16053	107	
	6,5 / 40,0	**M6 (3m)**	1,6 / 9,5	14,6 / 90	970 / 949	**32,11**	**VR373.1K-E132MUE**	15133	107	
	7,6 / 46,7	**M6 (3m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14552	107	
	8,9 / 54,5	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	

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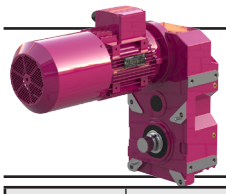


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø150	1,8 / 11,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,1 / 12,8	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,3 / 14,5	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	2,8 / 17,2	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	3,3 / 20,3	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	3,8 / 23,6	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	4,2 / 26,1	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	
	5,3 / 33	**M6 (3m)**	1,6 / 9,5	11 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	16752	107	
	6,2 / 38,5	**M6 (3m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	7,0 / 42,9	**M6 (3m)**	1,6 / 9,5	15 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15133	107	
	8,1 / 50,0	**M6 (3m)**	1,6 / 9,5	17 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14552	107	
Ø160	1,9 / 12	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,2 / 13,7	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,5 / 15,4	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	17394	90	
	3,0 / 18,4	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	3,5 / 21,6	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	4,1 / 25,2	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	4,5 / 27,9	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	
	5,7 / 35,2	**M6 (3m)**	1,6 / 9,5	11 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	16752	107	
	6,7 / 41,1	**M6 (3m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	7,4 / 45,8	**M6 (3m)**	1,6 / 9,5	15 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15133	107	
	8,7 / 53,4	**M5 (2m)**	1,6 / 9,5	17 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	18029	107	
Ø170	2,1 / 12,7	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,4 / 14,5	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	2,7 / 16,4	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	17394	90	
	3,2 / 19,5	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	3,7 / 23	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	4,3 / 26,8	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	4,8 / 29,6	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	
	6,1 / 37,4	**M6 (3m)**	1,6 / 9,5	11 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	16111	107	
	7,1 / 43,6	**M5 (2m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	19277	107	
	7,9 / 48,6	**M5 (2m)**	1,6 / 9,5	15 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18780	107	
	9,2 / 56,7	**M5 (2m)**	1,6 / 9,5	17 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	18029	107	
Ø180	2,2 / 13,5	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	2,5 / 15,4	**M7 (4m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	17982	90	
	2,8 / 17,4	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	16621	90	
	3,3 / 20,7	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	3,9 / 24,3	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	4,6 / 28,4	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

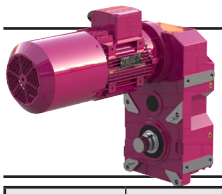


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,7 / 10,8	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	2,9 / 17,9	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
Ø110	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,7 / 4,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,6 / 9,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,9 / 11,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,2 / 13,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	2,7 / 16,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	3,2 / 19,7	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
Ø120	0,6 / 4,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,8 / 4,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,1 / 6,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,8 / 10,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	2,1 / 12,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
Ø130	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,1 / 7,2	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,9 / 11,8	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	2,3 / 14,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,6 / 16,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
Ø140	0.7 / 4,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0.9 / 5,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0.9 / 5,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1.1 / 6,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1.2 / 7,6	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1.4 / 8,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1.7 / 10,6	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	2.1 / 12,7	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	2.4 / 15,1	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

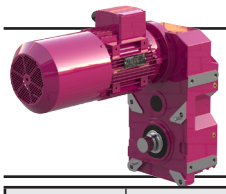


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,8 / 11,2	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	40184	122	332
	2,1 / 12,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	41738	122	
	2,5 / 15,3	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	2,6 / 16,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	3,1 / 19,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	44717	122	
	3,6 / 21,9	**M7 (4m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	45522	122	
	4,1 / 25	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46230	147	
	4,7 / 28,7	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	5,4 / 33	**M7 (4m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	44027	147	
	6,1 / 37,6	**M7 (4m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	42575	147	
	7,4 / 45,6	**M7 (4m)**	1,6 / 9,5	14 / 85	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	40489	147	
	8,8 / 55,1	**M6 (3m)**	2,6 / 16	17 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	333
	4,3 / 26,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74089	221	
	4,9 / 30,0	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	5,9 / 36,6	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	6,7 / 41,5	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	7,5 / 46,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	8,9 / 55,4	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø180	1,9 / 11,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	40184	122	332
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	2,6 / 16,2	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	2,8 / 17,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	3,3 / 20,2	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	44717	122	
	3,8 / 23,2	**M7 (4m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	45522	122	
	4,3 / 26,7	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46230	147	
	4,9 / 30,4	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	5,7 / 34,9	**M7 (4m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	44027	147	
	6,5 / 39,8	**M7 (4m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	42575	147	
	7,8 / 48,2	**M6 (3m)**	2,6 / 16	14 / 85	1037 / 1708	**34,28**	**VR473.1K-E160MUE**	49008	227	
	9,3 / 58,3	**M6 (3m)**	2,6 / 16	17 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	3,9 / 24,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	333
	4,6 / 28,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	5,2 / 31,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	6,3 / 38,8	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	7,1 / 43,9	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	7,9 / 49,6	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	9,4 / 58,6	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø190	2,0 / 12,5	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	40184	122	332
	2,3 / 14,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	2,8 / 17	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	2,9 / 18	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	3,5 / 21,4	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	44717	122	
	4,0 / 24,5	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2140 / 2084	**70,59**	**VR473.1K-E132MUE**	45522	147	
	4,6 / 28,2	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	44259	147	
	5,2 / 32,1	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	6,0 / 36,8	**M7 (4m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	44027	147	
	6,8 / 42	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48548	147	
	8,3 / 50,9	**M6 (3m)**	2,6 / 16	13,9 / 85	1686 / 1708	**34,28**	**VR473.1K-E160MUE**	49008	227	
	9,9 / 61,5	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	2,6 / 16,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	333
	3,2 / 19,7	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	
	3,6 / 22,3	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	74293	221	
	4,1 / 25,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	4,9 / 29,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	5,5 / 33,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	6,6 / 40,9	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78483	221	
	7,5 / 46,4	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	79521	221	
	8,4 / 52,3	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	9,9 / 61,9	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	

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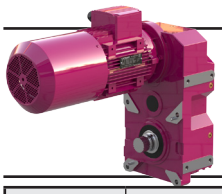


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø200	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,4 / 15	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	2,9 / 17,9	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	3,1 / 19	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	3,6 / 22,5	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	4,2 / 25,8	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2140 / 2084	**70,59**	**VR473.1K-E132MUE**	45522	147	
	4,8 / 29,7	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1875 / 1814	**61,85**	**VR473.1K-E132MUE**	44259	147	
	5,5 / 33,8	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	6,3 / 38,8	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	7,2 / 44,3	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48548	147	
	8,7 / 53,6	**M6 (3m)**	2,6 / 16	13,9 / 85	1686 / 1708	**34,28**	**VR473.1K-E160MUE**	49008	227	
	10,4 / 64,8	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	2,1 / 12,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	333
	2,3 / 14,4	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	3,4 / 20,7	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	
	3,8 / 23,5	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	74293	221	
	4,3 / 26,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	5,1 / 31,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	5,7 / 35,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	7,0 / 43,1	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78483	221	
	7,9 / 48,8	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78953	305	
	8,8 / 55,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	10,4 / 65,1	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	
Ø210	2,2 / 13,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,6 / 15,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	3,1 / 18,8	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	3,2 / 19,9	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	3,8 / 23,6	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	4,4 / 27,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2140 / 2084	**70,59**	**VR473.1K-E132MUE**	45522	147	
	5,1 / 31,2	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	5,8 / 35,5	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,6 / 40,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	7,5 / 46,5	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	
	9,1 / 56,3	**M6 (3m)**	2,6 / 16	13,9 / 85	1686 / 1708	**34,28**	**VR473.1K-E160MUE**	47470	227	
	10,9 / 68	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	1,9 / 11,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	2,4 / 15,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	2,9 / 17,8	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	3,5 / 21,8	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	
	4,0 / 24,6	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	74293	221	
	4,5 / 28	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	5,4 / 33	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	6,0 / 37,1	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	77685	221	
	7,3 / 45,3	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78483	221	
	8,3 / 51,2	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78953	305	
	9,3 / 57,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	11,0 / 68,4	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80066	305	
Ø220	2,3 / 14,5	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,7 / 16,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	3,2 / 19,7	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	3,4 / 20,9	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	4,0 / 24,7	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	4,6 / 28,4	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2140 / 2084	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,3 / 32,7	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	6,0 / 37,2	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,9 / 42,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	7,9 / 48,7	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.





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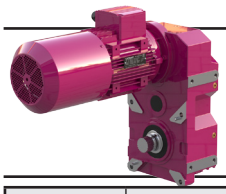


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	9,6 / 59	**M5 (2m)**	2,6 / 16	13,9 / 85	1686 / 1708	**34,28**	**VR473.1K-E160MUE**	49401	227	332
	11,4 / 71,3	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48649	196	333
	2,3 / 14	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	56668	196	
	2,6 / 15,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62171	196	
	3,0 / 18,7	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65714	196	
	3,7 / 22,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68098	221	
	4,2 / 25,8	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70613	221	
	4,8 / 29,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73129	221	
	5,6 / 34,6	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74441	221	
	6,3 / 38,9	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75837	221	
	7,7 / 47,4	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76519	305	
	8,7 / 53,7	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	77568	305	
	9,7 / 60,6	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78842	305	
	11,5 / 71,6	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø230	2,5 / 15,1	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,8 / 17,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	3,3 / 20,6	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	3,5 / 21,8	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	4,2 / 25,9	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	47428	147	
	4,8 / 29,7	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2140 / 2084	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,5 / 34,2	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	6,3 / 38,9	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	7,2 / 44,6	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	2,1 / 12,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48784	196	333
	2,4 / 14,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	3,2 / 19,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	3,9 / 23,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68206	221	
	4,4 / 27	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	
	5,0 / 30,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73365	221	
	5,9 / 36,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	6,6 / 40,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	8,0 / 49,6	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	9,1 / 56,1	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78101	305	
	10,1 / 63,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78988	305	
Ø240	2,6 / 15,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,9 / 18	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	3,5 / 21,5	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	3,7 / 22,8	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	4,4 / 27	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	47428	147	
	5,0 / 31	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2140 / 2084	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,8 / 35,6	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	6,6 / 40,6	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	56656	196	333
	2,5 / 15,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	2,8 / 17,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	3,3 / 20,4	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70000	196	
	4,0 / 24,9	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	4,6 / 28,2	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	73668	221	
	5,2 / 31,9	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	6,1 / 37,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76262	221	
	6,9 / 42,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	8,4 / 51,7	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	9,5 / 58,6	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78101	305	
	10,6 / 66,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78988	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



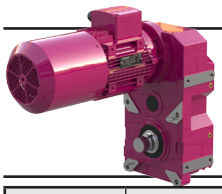
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,0 / 6,2	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,7 / 10,8	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	2,4 / 15,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	2,9 / 17,9	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
Ø110	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,7 / 4,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,6 / 9,9	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,9 / 11,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	2,2 / 13,8	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	13151	60	
	2,7 / 16,5	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	12583	60	
	3,2 / 19,7	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
	2,0 / 12,1	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13822	90	331
	2,3 / 14,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	2,5 / 15,6	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	2,9 / 18,2	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	3,4 / 21,2	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUE**	12781	90	
Ø120	0,6 / 4,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,8 / 4,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,1 / 6,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,5 / 9,0	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,8 / 10,8	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	2,1 / 12,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,7 / 10,4	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUE**	14769	82	331
	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	3,2 / 19,8	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	3,8 / 23,2	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø130	0.7 / 4,3	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0.8 / 4,9	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0.8 / 5,2	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1.0 / 6,2	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1.1 / 7,1	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1.3 / 8,1	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1.6 / 9,8	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1.9 / 11,8	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	

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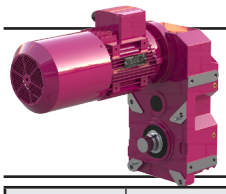


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	331
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	1,7 / 10,2	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	15190	82	
	1,8 / 11,3	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E1112MUD**	14769	82	
	2,3 / 14,3	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	2,7 / 16,7	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	3,0 / 18,4	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	3,5 / 21,5	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	4,1 / 25,1	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø140	0,7 / 4,6	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,9 / 5,3	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,9 / 5,6	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	1,1 / 6,6	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,2 / 7,6	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	1,4 / 8,7	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	1,7 / 10,6	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	2,1 / 12,7	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	1,3 / 8,0	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	1,5 / 9,5	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	1,8 / 11	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	15190	82	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E120MUD**	14769	90	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	2,9 / 18	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	3,2 / 19,8	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	3,8 / 23,1	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	4,4 / 27	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø150	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,2 / 7,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	1,4 / 8,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	1,6 / 10,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	1,9 / 11,8	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	15190	90	
	2,1 / 13,1	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	3,1 / 19,2	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	3,4 / 21,3	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	4,0 / 24,8	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	4,7 / 29	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø160	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,3 / 7,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	1,5 / 9,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	1,8 / 10,8	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	2,0 / 12,6	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	15190	90	
	2,3 / 13,9	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	2,9 / 17,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	3,3 / 20,5	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	3,7 / 22,7	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	12619	107	
	4,3 / 26,5	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	5,0 / 30,9	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø170	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,2 / 7,3	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,3 / 8,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	

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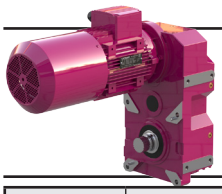


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	1,9 / 11,5	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15861	90	331
	2,2 / 13,4	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	2,4 / 14,8	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	3,0 / 18,7	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	3,5 / 21,8	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	3,9 / 24,1	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	12619	107	
	4,6 / 28,1	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	5,3 / 32,8	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø180	1,1 / 6,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,2 / 7,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,4 / 8,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	1,7 / 10,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15861	90	
	2,3 / 14,2	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	2,5 / 15,7	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	3,2 / 19,8	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	

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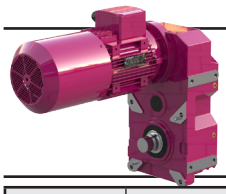


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	1,5 / 8,9	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,8 / 5,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,0 / 6,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	1,7 / 10,7	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø130	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,6 / 3,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,1 / 7,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	1,9 / 11,6	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø140	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,7 / 10,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	2,0 / 12,5	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

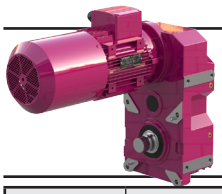


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,8 / 11,2	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,1 / 12,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	2,5 / 15,3	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	2,6 / 16,1	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	3,1 / 19,3	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44717	147	
	3,6 / 22,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45522	147	
	4,1 / 25,2	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46633	147	
	4,7 / 28,7	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	5,4 / 33	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	6,0 / 37,8	**M6 (3m)**	2,6 / 16	11,4 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48548	227	
	7,3 / 45,7	**M6 (3m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	47474	227	
	8,8 / 55,1	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,8 / 10,8	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	68331	196	
	2,3 / 14,4	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	2,9 / 17,6	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72715	196	
	3,3 / 20,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	4,3 / 26,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	77322	221	
	4,9 / 30	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	5,9 / 36,6	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78947	221	
	6,7 / 41,6	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	79521	305	
	7,5 / 46,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	80454	305	
	8,9 / 55,4	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	
Ø180	1,9 / 11,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,2 / 13,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	2,6 / 16,2	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	2,8 / 17,1	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	3,3 / 20,4	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47428	147	
	3,8 / 23,4	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	4,3 / 26,7	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46633	147	
	4,9 / 30,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	5,7 / 34,9	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	6,4 / 40,0	**M6 (3m)**	2,6 / 16	11,4 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48548	227	
	7,8 / 48,4	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49404	227	
	9,3 / 58,3	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	1,6 / 10	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48784	196	333
	1,9 / 11,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,1 / 12,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	2,5 / 15,3	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	3,0 / 18,6	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68206	221	
	3,5 / 21,3	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70695	221	
	3,9 / 24	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,6 / 28,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,2 / 31,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	6,3 / 38,8	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	7,1 / 44,1	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78101	305	
	7,9 / 49,6	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78966	305	
	9,4 / 58,6	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø190	2,0 / 12,5	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,3 / 14,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	2,8 / 17	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	2,9 / 18	**M7 (4m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	3,5 / 21,4	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47428	147	
	4,0 / 24,7	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	4,6 / 28,2	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46633	147	
	5,2 / 32,1	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,0 / 36,8	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	6,8 / 42,2	**M5 (2m)**	2,6 / 16	11,4 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50591	227	
	8,2 / 51,1	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49404	227	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

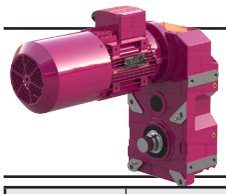


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	2,0 / 12,1	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	2,2 / 13,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	2,6 / 16,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	3,2 / 19,7	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	3,7 / 22,5	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	4,1 / 25,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	4,9 / 29,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	5,5 / 33,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	6,6 / 40,9	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	78483	305	
	7,4 / 46,5	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	79521	305	
	8,4 / 52,3	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
Ø200	2,1 / 13,2	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,4 / 15	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	2,9 / 17,9	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	147	
	3,1 / 19	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	3,7 / 22,7	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,2 / 26	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	4,8 / 29,7	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46633	147	
	5,5 / 33,8	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	6,3 / 38,8	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	50156	227	
	7,1 / 44,4	**M5 (2m)**	2,6 / 16	11,4 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48720	227	
	8,6 / 53,8	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49404	227	
	1,8 / 11,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	2,1 / 12,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,3 / 14,4	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	3,4 / 20,7	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68206	221	
	3,8 / 23,7	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71363	221	
	4,3 / 26,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,1 / 31,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,7 / 35,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	7,0 / 43,1	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	7,8 / 49	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78101	305	
	8,8 / 55,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78966	305	
Ø210	2,2 / 13,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	2,6 / 15,7	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	3,1 / 18,8	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	147	
	3,2 / 19,9	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	3,9 / 23,8	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2445 / 2366	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,4 / 27,3	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,1 / 31,2	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46633	147	
	5,8 / 35,5	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	49658	147	
	6,6 / 40,7	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	50156	227	
	7,5 / 46,5	**M5 (2m)**	2,6 / 16	11,4 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48720	227	
	9,0 / 56,5	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49404	227	
	1,9 / 11,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	2,4 / 15,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	2,9 / 17,8	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	70751	221	
	3,5 / 21,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	4,0 / 24,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	4,5 / 28	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	5,4 / 33	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	6,0 / 37,1	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	77685	305	
	7,3 / 45,3	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	78483	305	
	8,2 / 51,4	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78953	305	
	9,3 / 57,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	

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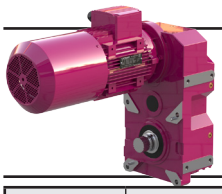


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	2,3 / 14,5	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	2,7 / 16,5	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	3,2 / 19,7	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	147	
	3,4 / 20,9	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	4,1 / 24,9	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,6 / 28,6	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	5,3 / 32,7	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	6,0 / 37,2	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	49658	147	
	6,9 / 42,7	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	50156	227	
	7,8 / 48,9	**M5 (2m)**	2,6 / 16	11,4 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48720	227	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	55568	196	333
	2,3 / 14	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	61124	196	
	2,6 / 15,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	65980	196	
	3,0 / 18,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	67706	221	
	3,7 / 22,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	70215	221	
	4,2 / 26	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	72628	221	
	4,8 / 29,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73543	221	
	5,6 / 34,6	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	75138	221	
	6,3 / 38,9	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	75648	305	
	7,7 / 47,4	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76822	305	
	8,6 / 53,9	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	76931	305	
Ø230	2,5 / 15,1	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	2,8 / 17,2	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	3,3 / 20,6	**M6 (3m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	44588	122	
	3,5 / 21,8	**M6 (3m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	45705	122	
	4,2 / 26,1	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44830	147	
	4,9 / 29,9	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48428	147	
	5,5 / 34,2	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	2,1 / 12,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	2,4 / 14,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,7 / 16,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	3,2 / 19,5	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	65881	221	
	3,9 / 23,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	4,4 / 27,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71363	221	
	5,0 / 30,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,9 / 36,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	6,6 / 40,6	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	75965	305	
	8,0 / 49,6	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	77128	305	
	9,0 / 56,3	**M7 (4m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78101	305	
Ø240	2,6 / 15,8	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	2,9 / 18	**M6 (3m)**	1,6 / 9,5	3,9 / 24	3656 / 3557	**121,49**	**VR473.1K-E132MUE**	44393	147	
	3,5 / 21,5	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44091	147	
	3,7 / 22,8	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	48582	147	
	4,4 / 27,2	**M5 (2m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	48736	147	
	5,1 / 31,2	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	49343	147	
	5,8 / 35,6	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49876	147	
	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	56656	196	333
	2,5 / 15,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	2,8 / 17,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	3,3 / 20,4	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	70000	221	
	4,0 / 24,9	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	4,6 / 28,4	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	73668	221	
	5,2 / 31,9	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	6,1 / 37,8	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	76262	305	
	6,9 / 42,4	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	77685	305	
	8,4 / 51,7	**M7 (4m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	77840	305	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

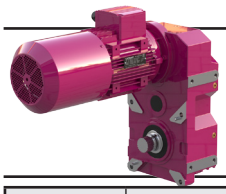


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,9 / 5,5	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	19945	53	
	1,0 / 6,2	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	19378	53	
	1,2 / 7,5	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	18566	53	
	1,5 / 9,0	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	17791	53	
	1,7 / 10,8	**M7 (4m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUE**	17045	60	
	2,0 / 12,5	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	15301	60	
	2,4 / 15,0	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	14743	60	
	2,9 / 17,9	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	17754	60	
Ø110	0,6 / 3,6	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,7 / 4,2	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,7 / 4,4	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,8 / 5,2	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	1,0 / 6,0	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	19945	53	
	1,1 / 6,9	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	19378	53	
	1,3 / 8,3	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	18566	53	
	1,6 / 9,9	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	17791	53	
	1,9 / 11,9	**M5 (2m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUE**	17045	60	
	2,2 / 13,8	**M6 (3m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	15301	60	
	2,7 / 16,5	**M6 (3m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	14743	60	
	3,2 / 19,7	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	17754	60	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	23158	82	331
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21885	82	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	21182	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	20221	82	
	1,2 / 7,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	19072	82	
	1,4 / 8,7	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	18307	82	
	1,6 / 9,6	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17448	82	
	2,0 / 12,1	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	16429	90	
	2,3 / 14,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	15482	90	
	2,5 / 15,6	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	15095	90	
	3,0 / 18,3	**M8 (5m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14511	107	
	3,5 / 21,4	**M7 (4m)**	1,6 / 9,5	19,9 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13592	107	
Ø120	0.6 / 4,0	**M5 (2m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	35334	53	330
	0.7 / 4,5	**M5 (2m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	34281	53	
	0.8 / 4,8	**M5 (2m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	33782	53	
	0.9 / 5,7	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	32524	53	
	1.1 / 6,5	**M4 (1Am)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	39320	53	
	1.2 / 7,5	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	37991	53	
	1.5 / 9,0	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	36147	53	
	1.8 / 10,8	**M4 (1Am)**	0,37 / 2,5	11,3 / 70	637 / 640	**50,36**	**VR273.1K-E100LUE**	34439	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	22710	82	331
	0,8 / 5,1	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21885	82	
	0,9 / 5,8	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	21182	82	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	19898	82	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	19072	82	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E100LUE**	17892	90	
	1,7 / 10,4	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	2,1 / 13,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	16429	90	
	2,5 / 15,4	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	15482	90	
	2,8 / 17	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	15095	90	
	3,3 / 20	**M8 (5m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E112MUE**	14113	107	
	3,8 / 23,4	**M8 (5m)**	1,6 / 9,5	19,9 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13592	107	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

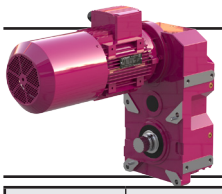


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	22710	82	331
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21885	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	21182	82	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	19898	82	
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	19072	82	
	1,7 / 10,2	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,8 / 11,3	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17448	90	
	2,3 / 14,3	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	16088	90	
	2,7 / 16,7	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	15482	90	
	3,0 / 18,4	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	14631	107	
	3,5 / 21,7	**M7 (4m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14113	107	
	4,1 / 25,3	**M7 (4m)**	1,6 / 9,5	19,9 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13592	107	
Ø140	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	22710	82	331
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21885	82	
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	20798	82	
	1,3 / 8,0	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	19898	82	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	18590	90	
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17448	90	
	2,5 / 15,4	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	16088	90	
	2,9 / 18	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	15482	90	
	3,2 / 19,8	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	14631	107	
	3,8 / 23,3	**M7 (4m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14113	107	
	4,4 / 27,3	**M6 (3m)**	1,6 / 9,5	19,9 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13202	107	
Ø150	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	22710	82	331
	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21885	82	
	1,2 / 7,2	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	20798	82	
	1,4 / 8,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	19898	82	
	1,6 / 10,1	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	18590	90	
	1,9 / 11,8	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	17892	90	
	2,1 / 13,1	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17448	90	
	2,7 / 16,5	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	16088	90	
	3,1 / 19,2	**M7 (4m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	14969	107	
	3,4 / 21,3	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	14631	107	
	4,1 / 25	**M6 (3m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14113	107	
	4,7 / 29,2	**M6 (3m)**	1,6 / 9,5	19,9 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13202	107	
Ø160	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	22710	82	331
	1,1 / 6,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21452	82	
	1,3 / 7,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	20798	82	
	1,5 / 9,2	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19331	90	
	1,8 / 10,8	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	2,0 / 12,6	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	17892	90	
	2,3 / 13,9	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17019	90	
	2,9 / 17,6	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	16088	90	
	3,3 / 20,5	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	14969	107	
	3,7 / 22,7	**M6 (3m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	14631	107	
	4,3 / 26,7	**M6 (3m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14113	107	
	5,1 / 31,2	**M6 (3m)**	1,6 / 9,5	19,9 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13202	107	
Ø170	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	22710	82	331
	1,2 / 7,3	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21452	82	
	1,3 / 8,2	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	20798	82	
	1,6 / 9,8	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19331	90	
	1,9 / 11,5	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	18590	90	
	2,2 / 13,4	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	17419	90	
	2,4 / 14,8	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17019	90	
	3,0 / 18,7	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	15491	107	
	3,5 / 21,8	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	14969	107	
	3,9 / 24,1	**M6 (3m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	14631	107	
	4,6 / 28,4	**M6 (3m)**	1,6 / 9,5	17,1 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	13658	107	
	5,4 / 33,1	**M6 (3m)**	1,6 / 9,5	19,9 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13202	107	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

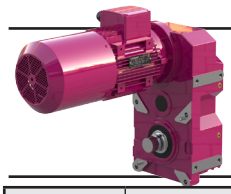


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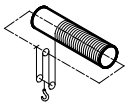
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø180	1,1 / 6,7	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	22213	82	331
	1,2 / 7,7	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21452	82	
	1,4 / 8,7	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	20798	82	
	1,7 / 10,3	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19331	90	
	2,0 / 12,2	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	18590	90	
	2,3 / 14,2	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	17419	90	
	2,5 / 15,7	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17019	90	

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**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



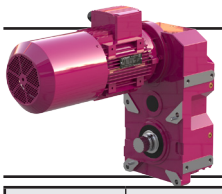
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	1,5 / 8,9	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,8 / 5,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,3 / 8,3	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	18 / 114	179 / 199	**25,44**	**VR273.1K-E100LUE**	12039	53	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,0 / 6,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,5 / 9,0	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
Ø130	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,6 / 3,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,1 / 7,0	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,3 / 8,1	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,6 / 9,8	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
Ø140	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,4 / 8,8	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

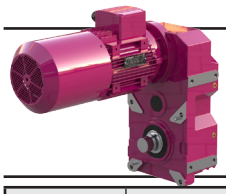


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	1,8 / 11,2	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	2,1 / 12,7	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	2,5 / 15,4	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	44588	147	
	2,6 / 16,3	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	45705	147	
	3,1 / 19,3	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44842	147	
	3,6 / 22,1	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45803	147	
	4,1 / 25,2	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	4,6 / 28,8	**M5 (2m)**	2,6 / 16	8,7 / 54	2686 / 2681	**54,35**	**VR473.1K-E160MUE**	49658	227	
	5,3 / 33,1	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	50156	227	
	6,0 / 37,8	**M5 (2m)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48726	227	
	7,3 / 45,7	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49404	227	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,8 / 10,8	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	2,4 / 14,6	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	2,9 / 17,8	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	3,3 / 20,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,3 / 26,8	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	4,8 / 30,1	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	75965	305	
	5,9 / 36,8	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
	6,7 / 41,6	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø180	1,9 / 11,8	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	2,2 / 13,5	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	2,6 / 16,3	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	44588	147	
	2,8 / 17,2	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	45705	147	
	3,3 / 20,4	**M5 (2m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47679	147	
	3,8 / 23,4	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	4,3 / 26,7	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	4,9 / 30,5	**M5 (2m)**	2,6 / 16	8,7 / 54	2686 / 2681	**54,35**	**VR473.1K-E160MUE**	49658	227	
	5,6 / 35	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	48011	227	
	6,4 / 40	**M5 (2m)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48726	227	
	1,6 / 10	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,9 / 11,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,1 / 12,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	2,5 / 15,4	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	3,1 / 18,8	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	3,5 / 21,3	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	3,9 / 24	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,6 / 28,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	5,1 / 31,9	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	75965	305	
	6,2 / 38,9	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
	7,1 / 44,1	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø190	2,0 / 12,5	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	2,3 / 14,2	**M6 (3m)**	1,6 / 9,5	3,9 / 24	3656 / 3557	**121,49**	**VR473.1K-E132MUE**	43489	147	
	2,8 / 17,2	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	44588	147	
	3,0 / 18,2	**M5 (2m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	45920	147	
	3,5 / 21,5	**M5 (2m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47679	147	
	4,0 / 24,7	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	4,6 / 28,2	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	5,2 / 32,2	**M5 (2m)**	2,6 / 16	8,7 / 54	2686 / 2681	**54,35**	**VR473.1K-E160MUE**	49658	227	
	5,9 / 37	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	48011	227	
	6,8 / 42,2	**M4 (1Am)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50903	227	
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	2,0 / 12,1	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,2 / 13,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	2,6 / 16,3	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	3,2 / 19,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



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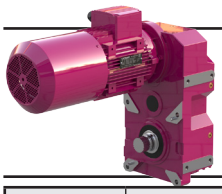
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	3,7 / 22,5	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	333
	4,1 / 25,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	4,9 / 29,9	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	5,4 / 33,7	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	75965	305	
	6,6 / 41,1	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
	7,4 / 46,5	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø200	2,1 / 13,2	**M4 (1Am)**	0,8 / 4,9	3,4 / 21	3601 / 3602	**138,35**	**VR473.1K-E112MUE**	57272	147	332
	2,4 / 15	**M4 (1Am)**	0,8 / 4,9	3,9 / 24	3197 / 3200	**121,49**	**VR473.1K-E112MUE**	56875	147	
	2,9 / 18,1	**M4 (1Am)**	0,8 / 4,9	4,6 / 29	2615 / 2620	**101,48**	**VR473.1K-E112MUE**	53211	147	
	3,1 / 19,2	**M4 (1Am)**	0,8 / 4,9	4,9 / 30	2318 / 2323	**95,87**	**VR473.1K-E112MUE**	53449	147	
	1,8 / 11,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	2,1 / 12,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,3 / 14,4	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	2,8 / 17,1	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	3,4 / 20,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	3,8 / 23,7	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	4,3 / 26,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,1 / 31,5	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	5,7 / 35,5	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
	6,9 / 43,2	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
Ø210	1,9 / 11,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,4 / 15,1	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	2,9 / 18	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	3,6 / 21,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	4,0 / 24,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	4,5 / 28	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	5,4 / 33	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	6,0 / 37,2	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
	7,3 / 45,4	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
Ø220	2,0 / 12,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48953	196	333
	2,3 / 14	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	56668	196	
	2,6 / 15,8	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62171	221	
	3,1 / 18,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66129	221	
	3,7 / 23	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68456	221	
	4,2 / 26	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70977	221	
	4,8 / 29,3	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73056	305	
	5,6 / 34,6	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74761	305	
	6,2 / 39	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76227	305	
Ø230	2,1 / 12,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	2,4 / 14,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	3,2 / 19,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	3,9 / 24	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	4,4 / 27,2	**M7 (4m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	5,0 / 30,6	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73289	305	
	5,9 / 36,2	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	75227	305	
	6,5 / 40,8	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
Ø240	2,2 / 13,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	2,5 / 15,2	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4326 / 4203	**143,35**	**VR573.1K-E132MUE**	57013	221	
	2,8 / 17,2	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	3,3 / 20,6	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	4,1 / 25,1	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	4,6 / 28,4	**M7 (4m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	5,2 / 31,9	**M7 (4m)**	1,6 / 9,5	6,9 / 42	3373 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	6,1 / 37,8	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	75227	305	
	6,8 / 42,6	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	

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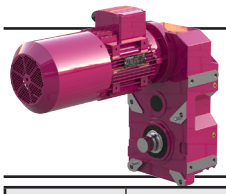


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	1,2 / 7,5	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	16590	90	
	1,4 / 8,8	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	1,7 / 10,2	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,8 / 11,3	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	2,3 / 14,4	**M7 (4m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	13517	107	
	2,7 / 16,8	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	16053	107	
	3,0 / 18,6	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	3,5 / 21,7	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	4,1 / 25,3	**M6 (3m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
	1,2 / 7,3	**M8 (5m)**	0,8 / 4,9	5,8 / 35,8	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	46038	122	332
	1,4 / 8,4	**M8 (5m)**	0,8 / 4,9	6,7 / 41,1	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	45522	122	
	1,6 / 9,6	**M8 (5m)**	0,8 / 4,9	7,6 / 46,9	939 / 944	**61,85**	**VR473.1K-E112MUE**	46230	122	
	1,8 / 10,9	**M8 (5m)**	0,8 / 4,9	8,6 / 53,4	826 / 831	**54,35**	**VR473.1K-E112MUE**	46853	122	
	2,0 / 12,5	**M8 (5m)**	0,8 / 4,9	9,9 / 61,2	722 / 726	**47,37**	**VR473.1K-E112MUE**	45366	122	
	2,3 / 14,4	**M8 (5m)**	1,6 / 9,5	11,4 / 70,5	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	43676	147	
	2,8 / 17,4	**M8 (5m)**	1,6 / 9,5	13,9 / 85,3	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	40489	147	
	3,4 / 21	**M8 (5m)**	1,6 / 9,5	16,7 / 102,8	863 / 844	**28,45**	**VR473.1K-E132MUE**	38493	147	
Ø140	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,0 / 6,0	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,1 / 6,8	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	1,3 / 8,0	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	1,5 / 9,5	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	1,8 / 11	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	2,0 / 12,2	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	
	2,5 / 15,4	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	16752	107	
	2,9 / 18,1	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	15516	107	
	3,3 / 20	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	3,8 / 23,3	**M6 (3m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	4,4 / 27,3	**M5 (2m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	0,7 / 4,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21,0	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,9 / 5,2	**M8 (5m)**	0,37 / 2,5	3,9 / 23,9	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	4,6 / 28,6	708 / 785	**101,48**	**VR473.1K-E100LUE**	45331	115	
	1,1 / 6,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30,2	670 / 742	**95,87**	**VR473.1K-E100LUE**	46400	115	
	1,3 / 7,9	**M8 (5m)**	0,8 / 4,9	5,8 / 35,8	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	6,7 / 41,1	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,7 / 10,3	**M8 (5m)**	0,8 / 4,9	7,6 / 46,9	939 / 944	**61,85**	**VR473.1K-E112MUE**	48265	122	
	1,9 / 11,7	**M8 (5m)**	0,8 / 4,9	8,6 / 53,4	826 / 831	**54,35**	**VR473.1K-E112MUE**	48020	122	
	2,2 / 13,5	**M8 (5m)**	0,8 / 4,9	9,9 / 61,2	722 / 726	**47,37**	**VR473.1K-E112MUE**	48565	122	
	2,5 / 15,5	**M8 (5m)**	1,6 / 9,5	11,4 / 70,5	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	3,0 / 18,8	**M8 (5m)**	1,6 / 9,5	13,9 / 85,3	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	50759	147	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	16,7 / 102,8	863 / 844	**28,45**	**VR473.1K-E132MUE**	50316	147	
Ø150	0,9 / 5,6	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,0 / 6,4	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,2 / 7,2	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	17394	90	
	1,4 / 8,6	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	1,6 / 10,1	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	1,9 / 11,8	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	2,1 / 13,1	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	
	2,7 / 16,6	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	16752	107	
	3,2 / 19,4	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	15516	107	
	3,5 / 21,4	**M6 (3m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	4,1 / 25	**M5 (2m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	4,7 / 29,2	**M5 (2m)**	1,6 / 9,5	20,1 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

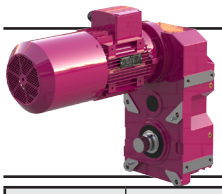


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø150	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	3,4 / 21,0	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,9 / 23,9	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	1,1 / 6,7	**M8 (5m)**	0,37 / 2,5	4,6 / 28,6	708 / 785	**101,48**	**VR473.1K-E100LUE**	45331	115	
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30,2	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	1,4 / 8,4	**M8 (5m)**	0,8 / 4,9	5,8 / 35,8	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,6 / 9,7	**M8 (5m)**	0,8 / 4,9	6,7 / 41,1	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	7,6 / 46,9	939 / 944	**61,85**	**VR473.1K-E112MUE**	47395	122	
	2,0 / 12,6	**M8 (5m)**	0,8 / 4,9	8,6 / 53,4	826 / 831	**54,35**	**VR473.1K-E112MUE**	48020	122	
	2,3 / 14,4	**M8 (5m)**	1,6 / 9,5	9,9 / 61,2	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	47728	147	
	2,7 / 16,6	**M8 (5m)**	1,6 / 9,5	11,4 / 70,5	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	50379	147	
	3,3 / 20,1	**M8 (5m)**	1,6 / 9,5	13,9 / 85,3	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	49854	147	
	3,9 / 24,2	**M8 (5m)**	1,6 / 9,5	16,7 / 102,8	863 / 844	**28,45**	**VR473.1K-E132MUE**	50316	147	
Ø160	1,0 / 6,0	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,1 / 6,8	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	1,3 / 7,7	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	17394	90	
	1,5 / 9,2	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	1,8 / 10,8	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	2,0 / 12,6	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	2,3 / 13,9	**M6 (3m)**	1,6 / 9,5	9,0 / 55	1587 / 1547	**52,30**	**VR373.1K-E132MUE**	17850	107	
	2,9 / 17,7	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	16111	107	
	3,4 / 20,7	**M5 (2m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	19277	107	
	3,7 / 22,9	**M5 (2m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	4,3 / 26,7	**M5 (2m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21,0	960 / 1062	**138,35**	**VR473.1K-E100LUE**	43107	115	332
	1,0 / 6,0	**M8 (5m)**	0,37 / 2,5	3,9 / 23,9	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	4,6 / 28,6	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	4,9 / 30,2	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	45228	122	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	5,8 / 35,8	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,7 / 10,3	**M8 (5m)**	0,8 / 4,9	6,7 / 41,1	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,9 / 11,8	**M8 (5m)**	0,8 / 4,9	7,6 / 46,9	939 / 944	**61,85**	**VR473.1K-E112MUE**	47395	122	
	2,2 / 13,4	**M8 (5m)**	0,8 / 4,9	8,6 / 53,4	826 / 831	**54,35**	**VR473.1K-E112MUE**	48020	122	
	2,5 / 15,4	**M8 (5m)**	1,6 / 9,5	9,9 / 61,2	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	49917	147	
	2,9 / 17,7	**M8 (5m)**	1,6 / 9,5	11,4 / 70,5	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	50379	147	
	3,5 / 21,4	**M8 (5m)**	1,6 / 9,5	13,9 / 85,3	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	49854	147	
	4,2 / 25,8	**M8 (5m)**	1,6 / 9,5	16,7 / 102,8	863 / 844	**28,45**	**VR473.1K-E132MUE**	50316	147	
Ø170	1,0 / 6,4	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,2 / 7,3	**M7 (4m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	17982	90	
	1,3 / 8,2	**M6 (3m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	20798	90	
	1,6 / 9,8	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	1,9 / 11,5	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	2,2 / 13,4	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	2,4 / 14,8	**M6 (3m)**	1,6 / 9,5	9,0 / 55	1587 / 1547	**52,30**	**VR373.1K-E132MUE**	17850	107	
	3,1 / 18,8	**M5 (2m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	20059	107	
	3,6 / 22	**M5 (2m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	19277	107	
	3,9 / 24,3	**M5 (2m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	4,6 / 28,4	**M5 (2m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	0,9 / 5,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21,0	960 / 1062	**138,35**	**VR473.1K-E100LUE**	43107	115	332
	1,0 / 6,4	**M8 (5m)**	0,37 / 2,5	3,9 / 23,9	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	4,6 / 28,6	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	44091	122	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30,2	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	45228	122	
	1,5 / 9,6	**M8 (5m)**	0,8 / 4,9	5,8 / 35,8	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,8 / 11	**M8 (5m)**	0,8 / 4,9	6,7 / 41,1	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	46685	122	
	2,0 / 12,5	**M8 (5m)**	0,8 / 4,9	7,6 / 46,9	939 / 944	**61,85**	**VR473.1K-E112MUE**	49876	122	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	8,6 / 53,4	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	50346	147	
	2,6 / 16,3	**M8 (5m)**	1,6 / 9,5	9,9 / 61,2	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	49917	147	
	3,1 / 18,8	**M8 (5m)**	1,6 / 9,5	11,4 / 70,5	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	50379	147	
	3,7 / 22,8	**M8 (5m)**	1,6 / 9,5	13,9 / 85,3	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	49854	147	
	4,5 / 27,4	**M7 (4m)**	1,6 / 9,5	16,7 / 102,8	863 / 844	**28,45**	**VR473.1K-E132MUE**	51205	147	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

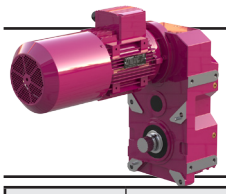


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø180	1,1 / 6,7	**M7 (4m)**	0,37 / 2,5	3,9 / 24	834 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	1,2 / 7,7	**M6 (3m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	22280	90	
	1,4 / 8,7	**M6 (3m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	21533	90	
	1,7 / 10,3	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	2,0 / 12,2	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	3,4 / 21,0	960 / 1062	**138,35**	**VR473.1K-E100LUE**	43107	115	332
	1,1 / 6,7	**M8 (5m)**	0,37 / 2,5	3,9 / 23,9	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,6 / 28,6	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	44091	122	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30,2	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	45228	122	
	1,6 / 10,1	**M8 (5m)**	0,8 / 4,9	5,8 / 35,8	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,9 / 11,6	**M8 (5m)**	0,8 / 4,9	6,7 / 41,1	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	49343	122	
	2,1 / 13,3	**M8 (5m)**	0,8 / 4,9	7,6 / 46,9	939 / 944	**61,85**	**VR473.1K-E112MUE**	49876	122	
	2,4 / 15,1	**M8 (5m)**	1,6 / 9,5	8,6 / 53,4	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	49389	147	
	2,8 / 17,3	**M8 (5m)**	1,6 / 9,5	9,9 / 61,2	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	49917	147	
	3,2 / 19,9	**M8 (5m)**	1,6 / 9,5	11,4 / 70,5	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	50379	147	
	3,9 / 24,1	**M7 (4m)**	1,6 / 9,5	13,9 / 85,3	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	51856	147	
	4,7 / 29,1	**M7 (4m)**	2,6 / 16	16,7 / 102,8	1402 / 1421	**28,45**	**VR473.1K-E160MUE**	51205	227	
Ø190	1,2 / 7,1	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1825 / 1831	**121,67**	**VR373.1K-E112MUE**	23097	90	331
	1,3 / 8,1	**M6 (3m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	22280	90	
	1,5 / 9,2	**M6 (3m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	20798	90	
	1,8 / 10,9	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	2,1 / 12,8	**M5 (2m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	23644	90	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	40184	115	332
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 936	**121,49**	**VR473.1K-E112MUE**	41738	122	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	1,7 / 10,7	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	44717	122	
	2,0 / 12,3	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	45522	122	
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1878 / 944	**61,85**	**VR473.1K-E132MUE**	46230	147	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	8,6 / 53	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	46853	147	
	3,0 / 18,3	**M8 (5m)**	1,6 / 9,5	9,9 / 61	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	44121	147	
	3,4 / 21	**M7 (4m)**	1,6 / 9,5	11,3 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	42669	147	
	4,1 / 25,5	**M7 (4m)**	2,6 / 16	13,9 / 85	1686 / 1014	**34,28**	**VR473.1K-E160MUE**	40489	227	
	5,0 / 30,7	**M7 (4m)**	2,6 / 16	16,7 / 102,8	1402 / 1421	**28,45**	**VR473.1K-E160MUE**	40489	227	
Ø200	1,2 / 7,5	**M5 (2m)**	0,8 / 4,9	3,9 / 24	1825 / 1831	**121,67**	**VR373.1K-E112MUE**	28515	90	331
	1,4 / 8,5	**M5 (2m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	26678	90	
	1,6 / 9,7	**M4 (1Am)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	32170	90	
	1,9 / 11,5	**M4 (1Am)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	30693	90	
	2,2 / 13,5	**M4 (1Am)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	29352	90	
	1,1 / 6,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	43107	115	332
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	44091	122	
	1,5 / 9,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	48582	122	
	1,8 / 11,2	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	48736	122	
	2,1 / 12,9	**M8 (5m)**	0,8 / 4,9	6,7 / 41	2140 / 1075	**70,59**	**VR473.1K-E112MUE**	49343	122	
	2,4 / 14,7	**M8 (5m)**	1,6 / 9,5	7,6 / 47	1878 / 1830	**61,85**	**VR473.1K-E132MUE**	49876	147	
	2,7 / 16,8	**M8 (5m)**	1,6 / 9,5	8,6 / 53	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	49389	147	
	3,1 / 19,2	**M7 (4m)**	1,6 / 9,5	9,9 / 61	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	49917	147	
	3,6 / 22,1	**M7 (4m)**	1,6 / 9,5	11,3 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	51410	147	
	4,4 / 26,8	**M7 (4m)**	2,6 / 16	13,9 / 85	1686 / 1014	**34,28**	**VR473.1K-E160MUE**	51856	227	
	5,2 / 32,3	**M7 (4m)**	2,6 / 16	16,7 / 102,8	1402 / 1421	**28,45**	**VR473.1K-E160MUE**	51856	227	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

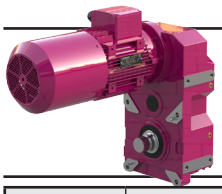


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	15 / 96	213 / 237	**30,34**	**VR273.1K-E100LUE**	12583	53	
	1,5 / 8,9	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,8 / 5,0	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,1 / 6,9	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,3 / 8,3	**M8 (5m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	12583	60	
	1,6 / 9,8	**M8 (5m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,0 / 6,5	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,2 / 7,5	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
Ø130	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,6 / 3,5	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,0 / 5,9	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,1 / 7,0	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
Ø140	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,9 / 5,3	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	1,0 / 6,3	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 368	**50,36**	**VR273.1K-E100LUE**	14184	53	
	1,2 / 7,5	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

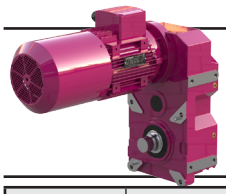


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	2,1 / 12,9	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	49475	221	333
	2,4 / 14,7	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	2,7 / 16,7	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,2 / 19,7	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	3,9 / 24,1	**M7 (4m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	68858	305	
	4,4 / 27,3	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	4,9 / 30,7	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	5,8 / 36,3	**M6 (3m)**	2,6 / 16	8,1 / 50	2889 / 2884	**58,36**	**VR573.1K-E160MUE**	80241	305	
	1,6 / 9,8	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	239	334
	1,8 / 11,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	2,1 / 13,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	2,6 / 15,7	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	2,9 / 17,6	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	3,4 / 20,7	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	3,9 / 24,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	4,5 / 27,8	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	5,1 / 31,8	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
	5,8 / 36,2	**M8 (5m)**	2,6 / 16	8,0 / 50	2921 / 2895	**58,54**	**VR673.1K-E160MUE**	114716	405	
Ø240	2,2 / 13,5	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	49475	221	333
	2,5 / 15,4	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	2,8 / 17,4	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,3 / 20,6	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	4,0 / 25,2	**M6 (3m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75460	305	
	4,6 / 28,5	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	5,1 / 32,1	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	1,7 / 10,3	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	239	334
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	2,7 / 16,4	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,0 / 18,4	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	3,5 / 21,6	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	4,0 / 25,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	4,7 / 29	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	5,3 / 33,2	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø250	2,3 / 14	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	50607	221	333
	2,6 / 16	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	2,9 / 18,1	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,5 / 21,4	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	4,2 / 26,2	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75460	305	
	4,8 / 29,7	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	5,3 / 33,4	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	1,7 /10,7	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	239	334
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	2,8 / 17,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,1 / 19,2	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	3,7 / 22,5	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	4,2 / 26,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	4,8 / 30,2	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	5,5 / 34,6	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø260	2,4 / 14,6	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	50607	221	333
	2,7 / 16,7	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	3,1 / 18,8	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	3,6 / 22,3	**M6 (3m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	4,4 / 27,3	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	76433	305	

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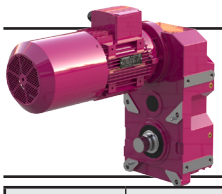
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	4,9 / 30,9	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	333
	5,6 / 34,7	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	1,8 / 11,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E112MUE**	77311	323	334
	2,0 / 12,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	2,4 / 14,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	2,9 / 17,8	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,2 / 19,9	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	3,8 / 23,4	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E132MUE**	106685	405	
	4,4 / 27,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	
	5,0 / 31,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	5,8 / 36	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø270	2,5 / 15,1	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	57307	221	333
	2,8 / 17,3	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	63206	221	
	3,2 / 19,6	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	67824	221	
	3,8 / 23,1	**M6 (3m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	70751	221	
	4,5 / 28,3	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	72098	305	
	5,1 / 32,1	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	74293	305	
	5,8 / 36,1	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	75564	305	
	1,9 / 11,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	2,1 / 13,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	98044	323	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	3,0 / 18,4	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	104756	323	
	3,4 / 20,7	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	108469	323	
	3,9 / 24,3	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	109652	405	
	4,5 / 28,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	111926	405	
	5,2 / 32,7	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	113887	405	
Ø280	2,6 / 15,7	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	48599	221	333
	2,9 / 17,9	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	66441	221	
	3,3 / 20,3	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	70911	221	
	3,9 / 24	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	73522	305	
	4,7 / 29,4	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75389	305	
	5,3 / 33,2	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	77332	305	
	1,9 / 12	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	98044	323	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	3,1 / 19,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	104756	323	
	3,5 / 21,5	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	108469	323	
	4,1 / 25,2	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	109652	405	
	4,7 / 29,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	111926	405	
	5,4 / 33,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	113887	405	
Ø290	2,6 / 16,3	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61671	221	333
	3,0 / 18,6	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	3,4 / 21	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	4,0 / 24,9	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	74078	305	
	4,9 / 30,4	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	76433	305	
	5,5 / 34,4	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	84562	305	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	98044	323	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	102235	323	
	3,2 / 19,8	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	104756	323	
	3,6 / 22,2	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	108469	323	
	4,2 / 26,1	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	109652	405	
	4,9 / 30,5	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	111926	405	
	5,6 / 35,1	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	113887	405	

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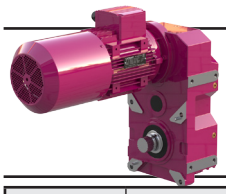


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	2,7 / 16,8	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4932 / 4790	**163,77**	**VR573.1K-E132MUE**	61671	221	333
	3,1 / 19,2	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	3,5 / 21,7	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	4,2 / 25,7	**M6 (3m)**	2,6 / 16	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E160MUE**	74078	221	
	5,0 / 31,5	**M5 (2m)**	2,6 / 16	5,4 / 33	4286 / 4332	**87,90**	**VR573.1K-E160MUE**	83610	305	
	5,7 / 35,6	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	84562	305	
	2,1 / 12,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	239	334
	2,4 / 14,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89335	323	
	2,8 / 17	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	3,3 / 20,5	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	3,7 / 23	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160MUE**	104020	405	
	4,4 / 27	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	107742	405	
	5,0 / 31,5	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	
	5,8 / 36,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

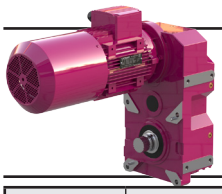


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	45238	122	
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	1,5 / 9,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,8 / 11,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,0 / 12,6	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	2,3 / 14,4	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	2,7 / 16,5	**M7 (4m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	48565	147	
	3,1 / 18,8	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	3,7 / 22,9	**M7 (4m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	48808	227	
	4,4 / 27,5	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	50316	227	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42,4	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	333
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50,1	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74089	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	9,1 / 56,3	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	3,0 / 18,3	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	3,4 / 20,7	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	3,7 / 23,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	4,4 / 27,7	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø180	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	1,4 / 8,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	1,6 / 10,1	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,9 / 11,7	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,2 / 13,4	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	2,5 / 15,2	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	2,8 / 17,5	**M7 (4m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	48565	147	
	3,2 / 19,9	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	3,9 / 24,2	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	50759	227	
	4,7 / 29,2	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	50316	227	
	1,5 / 9,3	**M8 (5m)**	0,8 / 4,9	5,3 / 33,0	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	333
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	6,1 / 37,4	1179 / 1184	**77,63**	**VR573.1K-E112MUE**	74293	196	
	1,9 / 12	**M8 (5m)**	1,6 / 9,5	6,9 / 42,4	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50,1	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	9,1 / 56,3	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	3,1 / 19,4	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78483	221	
	3,6 / 22	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	79521	221	
	4,0 / 24,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	4,7 / 29,3	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	
Ø190	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	40184	122	332
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	1,4 / 8,5	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	1,5 / 9,0	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	1,7 / 10,7	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	44717	122	
	2,0 / 12,3	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45522	147	
	2,3 / 14,1	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	44259	147	
	2,6 / 16,1	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	3,0 / 18,4	**M7 (4m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	44027	147	
	3,4 / 21	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48548	147	
	4,1 / 25,5	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49008	227	
	4,9 / 30,8	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27,1	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	333
	1,6 / 9,8	**M8 (5m)**	0,8 / 4,9	5,3 / 33,0	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	68206	196	
	1,8 / 11,1	**M8 (5m)**	1,6 / 9,5	6,1 / 37,4	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	
	2,1 / 12,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42,4	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	8,1 / 50,1	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

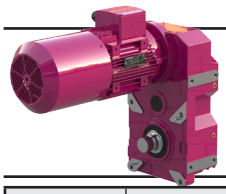


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	2,7 / 16,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56,3	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	333
	3,3 / 20,5	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	3,8 / 23,2	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	4,2 / 26,2	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	5,0 / 30,9	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø200	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	1,2 / 7,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	1,5 / 9,0	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	1,5 / 9,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	1,8 / 11,2	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	2,1 / 13	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45522	147	
	2,4 / 14,8	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	44259	147	
	2,7 / 16,9	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	3,1 / 19,4	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,6 / 22,1	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	
	4,3 / 26,9	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49008	227	
	5,2 / 32,4	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,7 / 10,4	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	
	1,9 / 11,7	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	74293	221	
	2,2 / 13,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	2,6 / 15,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	2,9 / 17,7	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	3,5 / 21,5	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78483	221	
	4,0 / 24,4	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78953	305	
	4,4 / 27,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	5,2 / 32,6	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	
Ø210	1,1 / 6,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	1,3 / 7,9	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	1,5 / 9,4	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	1,6 / 10	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	1,9 / 11,8	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	2,2 / 13,7	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45522	147	
	2,5 / 15,6	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	2,9 / 17,7	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,3 / 20,4	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,8 / 23,2	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	
	4,5 / 28,2	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	47470	227	
	5,4 / 34	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	0,9 / 5,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	1,4 / 8,9	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,8 / 10,9	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	
	2,0 / 12,3	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	74293	221	
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	3,0 / 18,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	77685	221	
	3,7 / 22,6	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78483	221	
	4,2 / 25,6	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78953	305	
	4,6 / 28,9	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	5,5 / 34,2	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80066	305	
Ø220	1,2 / 7,2	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	1,3 / 8,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	

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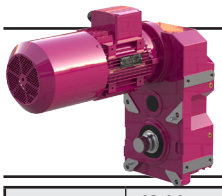


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	1,6 / 9,9	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	332
	1,7 / 10,4	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	2,0 / 12,4	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	2,3 / 14,3	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	2,7 / 16,3	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	3,0 / 18,6	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,5 / 21,3	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	4,0 / 24,3	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	
	4,7 / 29,6	**M5 (2m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49401	227	
	5,7 / 35,6	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	1,3 / 7,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	1,5 / 9,3	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,8 / 11,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	
	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	74293	221	
	2,4 / 14,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	2,8 / 17,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	3,2 / 19,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	77685	221	
	3,8 / 23,7	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	78483	305	
	4,4 / 26,8	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78953	305	
	4,9 / 30,3	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	5,7 / 35,8	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80066	305	
Ø230	1,2 / 7,6	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	1,4 / 8,6	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	1,7 / 10,3	**M7 (4m)**	1,6 / 9,5	4,6 / 29	3063 / 1538	**101,48**	**VR473.1K-E132MUE**	41186	147	
	1,8 / 10,9	**M7 (4m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	42563	147	
	2,1 / 12,9	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	47428	147	
	2,4 / 15	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	2,8 / 17,1	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	3,2 / 19,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1636 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,2 / 7,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	1,3 / 8,3	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	1,6 / 9,8	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70000	196	
	1,9 / 11,9	**M8 (5m)**	1,6 / 9,5	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72098	196	
	2,2 / 13,5	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	73668	221	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	2,9 / 18,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	3,3 / 20,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	77685	221	
	4,0 / 24,8	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	77840	305	
	4,6 / 28,1	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78953	305	
	5,1 / 31,7	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
Ø240	1,3 / 7,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	1,5 / 9,0	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	1,7 / 10,8	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	147	
	1,8 / 11,4	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	2,2 / 13,5	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2450 / 2836	**81,00**	**VR473.1K-E132MUE**	47428	147	
	2,5 / 15,6	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	2,9 / 17,7	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	56656	196	333
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	1,4 / 8,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	1,7 / 10,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70000	196	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	2,3 / 14,1	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	73668	221	
	2,6 / 16	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	

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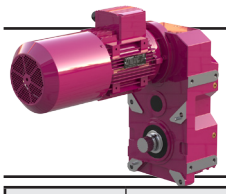


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	3,1 / 18,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76262	221	333
	3,4 / 21,2	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	77685	221	
	4,2 / 25,9	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	77840	305	
	4,8 / 29,3	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	78953	305	
	5,3 / 33,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	

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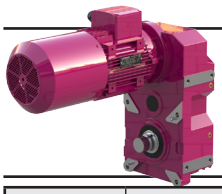


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 1,9	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,7 / 4,5	**M8 (5m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	1,0 / 6,3	**M8 (5m)**	0,37 / 2,5	13 / 80	255 / 283	**36,38**	**VR273.1K-E100LUE**	13151	53	
	1,2 / 7,5	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	14743	60	
	1,5 / 8,9	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	14190	60	
Ø110	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,8 / 5,0	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	17791	53	
	1,0 / 5,9	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	17045	53	
	1,1 / 6,9	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	16422	60	
	1,3 / 8,3	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	14743	60	
	1,6 / 9,8	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	14190	60	
	1,0 / 6,0	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13822	90	331
	1,1 / 7,1	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,3 / 7,8	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	1,5 / 9,1	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	19,9 / 123	361 / 363	**23,58**	**VR373.1K-E112MUE**	12781	90	
Ø120	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,7 / 4,5	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	18566	53	
	0,9 / 5,4	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	17791	53	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	9,0 / 55	367 / 407	**52,30**	**VR373.1K-E100LUE**	14769	82	331
	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø130	0,3 / 2,1	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	21969	53	330
	0,4 / 2,5	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	21448	53	
	0,4 / 2,6	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	21193	53	
	0,5 / 3,1	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	20535	53	
	0,6 / 3,5	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	25036	53	
	0,7 / 4,1	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	24269	53	
	0,8 / 4,9	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	23186	53	
	1,0 / 5,9	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	22166	53	
	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,4 / 2,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	

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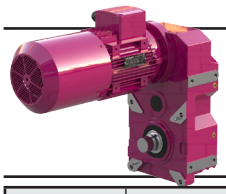


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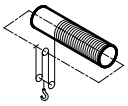
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	331
	0,8 / 5,1	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	15190	82	
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14769	82	
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,4 / 8,3	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,5 / 9,2	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	1,7 / 10,7	**M8 (5m)**	0,8 / 4,9	17,1 / 105	420 / 423	**27,53**	**VR373.1K-E112MUE**	12097	90	
	2,0 / 12,5	**M8 (5m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø140	0,4 / 2,3	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	27890	53	330
	0,4 / 2,6	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	27133	53	
	0,5 / 2,8	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	26770	53	
	0,5 / 3,3	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	32524	53	
	0,6 / 3,8	**M5 (2m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	31438	53	
	0,7 / 4,4	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	30419	53	
	0,9 / 5,3	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	28994	53	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,8 / 4,7	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	0,9 / 5,5	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	15190	82	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14769	90	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,5 / 9,0	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,6 / 9,9	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	2,2 / 13,5	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	12781	107	
Ø150	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,8 / 5,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	15190	90	
	1,1 / 6,5	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,3 / 8,2	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,6 / 9,6	**M8 (5m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,7 / 10,6	**M8 (5m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	2,0 / 12,4	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	2,3 / 14,5	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø160	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,6 / 3,9	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,7 / 4,6	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,9 / 5,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,4 / 8,8	**M8 (5m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,7 / 10,3	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,8 / 11,3	**M7 (4m)**	0,8 / 4,9	14,6 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	2,1 / 13,2	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	12097	107	
	2,5 / 15,4	**M7 (4m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø170	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,8 / 4,9	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,9 / 5,7	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



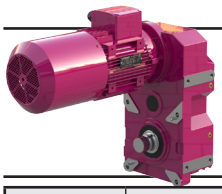
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø170	1,2 / 7,4	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	331
	1,5 / 9,3	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,8 / 10,9	**M7 (4m)**	0,8 / 4,9	13,2 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	2,0 / 12,1	**M7 (4m)**	1,6 / 9,5	14,6 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	12619	107	
	2,3 / 14,1	**M7 (4m)**	1,6 / 9,5	17,1 / 105	840 / 820	**27,53**	**VR373.1K-E132MUE**	11677	107	
	2,7 / 16,4	**M6 (3m)**	1,6 / 9,5	19,9 / 123	722 / 704	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø180	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,8 / 5,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15861	90	
	1,1 / 7,1	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,3 / 7,8	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,6 / 9,9	**M7 (4m)**	0,8 / 4,9	11,3 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

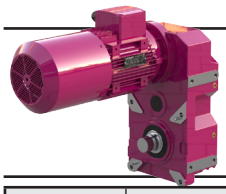


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,5 / 15,1	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	333
	2,8 / 17,3	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	3,1 / 19,6	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	3,7 / 23,2	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	4,5 / 28,3	**M5 (2m)**	2,6 / 16	5,3 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	83564	305	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	2,1 / 13,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	98044	323	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	103282	323	
	3,0 / 18,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	105846	405	
	3,3 / 20,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5584	**119,86**	**VR673.1K-E160MUE**	109442	405	
	3,9 / 24,4	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	109652	405	
	4,5 / 28,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	111926	405	
Ø280	2,6 / 15,7	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	333
	2,9 / 17,9	**M5 (2m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	3,3 / 20,3	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	3,9 / 24,1	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,1 / 19,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	3,4 / 21,5	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	104020	405	
	4,0 / 25,3	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø290	2,6 / 16,3	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4749 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	333
	3,0 / 18,6	**M5 (2m)**	1,6 / 9,5	3,3 / 20	4167 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	3,4 / 21,1	**M5 (2m)**	2,6/ 16	3,7 / 23	6201 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	4,0 / 24,9	**M5 (2m)**	2,6 / 16	4,4 / 27	5255 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	2,0 / 12,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,2 / 19,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	3,6 / 22,3	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	4,2 / 26,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø300	2,7 / 16,8	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	3,1 / 19,2	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	3,5 / 21,8	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	82470	305	
	4,1 / 25,8	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,4 / 14,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,8 / 17	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	3,3 / 20,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	3,7 / 23,1	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	4,3 / 27,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø310	2,8 / 17,4	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	3,2 / 19,9	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	3,6 / 22,5	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	82470	305	
	4,3 / 26,7	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,9 / 17,6	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	

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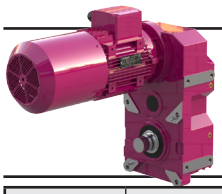


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø310	3,4 / 21,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	334
	3,8 / 23,8	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	4,5 / 28	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø320	2,9 / 17,9	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	73553	221	333
	3,3 / 20,5	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	77671	305	
	3,7 / 23,3	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	80435	305	
	4,4 / 27,5	**M4 (1Am)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	91413	305	
	2,2 / 13,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,5 / 15,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,0 / 18,2	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	95588	405	
	3,5 / 21,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101128	405	
	3,9 / 24,6	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	4,6 / 28,9	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø330	3,0 / 18,5	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	3,4 / 21,1	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	3,8 / 24	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	82470	305	
	4,5 / 28,4	**M4 (1Am)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	92680	305	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,6 / 16	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,0 / 18,7	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	95588	405	
	3,6 / 22,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101128	405	
	4,1 / 25,4	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
Ø340	3,1 / 19,1	**M5 (2m)**	2,6 / 16	2,9 / 18	7931 / 7999	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	3,5 / 21,8	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	80014	305	
	4,0 / 24,7	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	93498	305	
	2,4 / 14,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	3,1 / 19,3	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	95588	405	
	3,7 / 23,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101128	405	
	4,2 / 26,1	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	

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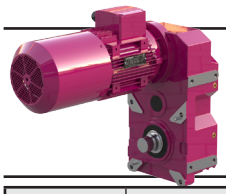


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9 / 5,6	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	1,0 / 6,4	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	1,2 / 7,6	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	1,3 / 8,1	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	1,6 / 9,6	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44717	147	
	1,8 / 11,1	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	43273	147	
	2,0 / 12,6	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46633	147	
	2,3 / 14,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	2,7 / 16,5	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	3,0 / 18,9	**M6 (3m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48548	227	
	3,7 / 22,9	**M6 (3m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	47474	227	
	4,4 / 27,5	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,9 / 5,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	68331	196	
	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,4 / 8,8	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72715	196	
	1,6 / 10,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	77322	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	3,0 / 18,3	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78947	221	
	3,3 / 20,8	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	79521	305	
	3,7 / 23,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	80454	305	
	4,4 / 27,7	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	
Ø180	1,0 / 5,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	1,1 / 6,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	1,3 / 8,1	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	1,4 / 8,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	1,7 / 10,2	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,9 / 11,7	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,2 / 13,4	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	2,5 / 15,2	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	2,8 / 17,5	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	48565	147	
	3,2 / 20	**M6 (3m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48313	227	
	3,9 / 24,2	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	50759	227	
	4,7 / 29,2	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	50316	227	
	0,8 / 5,0	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	1,0 / 6,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	68331	196	
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,5 / 9,3	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,7 / 10,6	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	1,9 / 12	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	2,6 / 15,9	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	3,1 / 19,4	**M8 (5m)**	1,6 / 9,5	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E132MUE**	78483	221	
	3,5 / 22	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	79521	305	
	4,0 / 24,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
	4,7 / 29,3	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	
Ø190	1,0 / 6,3	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	1,2 / 7,1	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	1,4 / 8,5	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	1,5 / 9,0	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	1,7 / 10,8	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47428	147	
	2,0 / 12,4	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45803	147	
	2,3 / 14,1	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46633	147	
	2,6 / 16,1	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	3,0 / 18,4	**M6 (3m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	47992	227	
	3,4 / 21,1	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50591	227	
	4,1 / 25,5	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49404	227	

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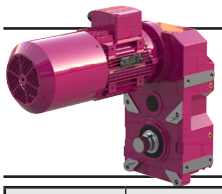


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,0 / 6,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	1,1 / 6,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	68331	196	
	1,3 / 8,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,6 / 9,8	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,8 / 11,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	2,1 / 12,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	2,4 / 15	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	2,7 / 16,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	3,3 / 20,5	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	78483	305	
	3,7 / 23,3	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	79521	305	
	4,2 / 26,2	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
Ø200	1,1 / 6,6	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	1,2 / 7,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	1,5 / 9,0	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	45331	147	
	1,5 / 9,5	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45228	147	
	1,8 / 11,3	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2445 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	2,1 / 13	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,4 / 14,8	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	47395	147	
	2,7 / 16,9	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	3,1 / 19,4	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	49917	227	
	3,6 / 22,2	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50379	227	
	4,3 / 26,9	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49854	227	
	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	1,2 / 7,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	68331	196	
	1,4 / 8,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,7 / 10,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,9 / 11,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	2,2 / 13,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	2,6 / 15,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	2,9 / 17,7	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	3,5 / 21,5	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	78483	305	
	3,9 / 24,5	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	79521	305	
	4,4 / 27,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
Ø210	1,1 / 6,9	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	1,3 / 7,9	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	1,5 / 9,4	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	147	
	1,6 / 10	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	1,9 / 11,9	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2445 / 2366	**81,00**	**VR473.1K-E132MUE**	44830	147	
	2,2 / 13,7	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45803	147	
	2,5 / 15,6	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	2,9 / 17,7	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	49658	147	
	3,3 / 20,4	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	50156	227	
	3,7 / 23,3	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48720	227	
	4,5 / 28,2	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49404	227	
	0,9 / 5,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	1,2 / 7,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	68331	196	
	1,4 / 8,9	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	1,8 / 10,9	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	2,7 / 16,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	3,0 / 18,6	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	78210	305	
	3,7 / 22,6	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	78483	305	
	4,1 / 25,7	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	79521	305	
	4,6 / 28,9	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

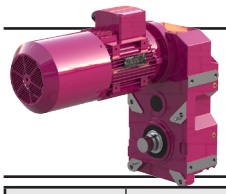


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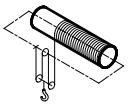
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	1,2 / 7,2	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	1,3 / 8,2	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	1,6 / 9,9	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E112MUE**	44588	122	
	1,7 / 10,4	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E112MUE**	45705	122	
	2,0 / 12,5	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44830	147	
	2,3 / 14,3	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	2,7 / 16,3	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	3,0 / 18,6	**M5 (2m)**	2,6 / 16	8,7 / 54	2657 / 2691	**54,35**	**VR473.1K-E160MUE**	49658	227	
	3,5 / 21,3	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	50156	227	
	3,9 / 24,4	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48720	227	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	55568	196	333
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	61124	196	
	1,3 / 7,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	65980	196	
	1,5 / 9,3	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	67706	221	
	1,8 / 11,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	70215	221	
	2,1 / 13	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	72628	221	
	2,4 / 14,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73543	221	
	2,8 / 17,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	75138	221	
	3,2 / 19,4	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	75648	305	
	3,8 / 23,7	**M8 (5m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76822	305	
	4,3 / 26,9	**M7 (4m)**	2,6 / 16	12,6 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	76931	305	
Ø230	1,2 / 7,6	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	1,4 / 8,6	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	1,7 / 10,3	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	122	
	1,8 / 10,9	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	122	
	2,1 / 13	**M5 (2m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47670	147	
	2,4 / 15	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	2,8 / 17,1	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	1,2 / 7,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63206	196	
	1,3 / 8,3	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	1,6 / 9,8	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	70000	221	
	1,9 / 11,9	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	72098	221	
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	73668	221	
	2,5 / 15,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	75564	221	
	2,9 / 18,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	3,3 / 20,3	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	77685	305	
	4,0 / 24,8	**M7 (4m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	77840	305	
	4,5 / 28,2	**M7 (4m)**	2,6 / 16	12,6 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78953	305	
Ø240	1,3 / 7,9	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	1,5 / 9,0	**M6 (3m)**	1,6 / 9,5	3,9 / 24	3656 / 3557	**121,49**	**VR473.1K-E132MUE**	43489	147	
	1,7 / 10,8	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	147	
	1,8 / 11,4	**M5 (2m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45920	147	
	2,2 / 13,6	**M5 (2m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47670	147	
	2,5 / 15,6	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,2 / 7,6	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	1,4 / 8,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	65881	221	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68950	221	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71363	221	
	2,6 / 16	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	3,1 / 18,9	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 1718	**58,36**	**VR573.1K-E160MUE**	74537	305	
	3,4 / 21,2	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	75965	305	
	4,2 / 25,9	**M7 (4m)**	2,6 / 16	11,1 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	77128	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



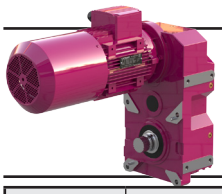
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 1,9	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	21448	53	
	0,3 / 2,0	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	21193	53	
	0,4 / 2,4	**M7 (4m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	20535	53	
	0,4 / 2,7	**M7 (4m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	19945	53	
	0,5 / 3,1	**M7 (4m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	19378	53	
	0,6 / 3,8	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	18566	53	
	0,7 / 4,5	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	17791	53	
	0,9 / 5,4	**M6 (3m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUE**	21194	60	
	1,0 / 6,3	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	15301	60	
	1,2 / 7,5	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	14743	60	
	1,5 / 8,9	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	17754	60	
Ø110	0,3 / 1,8	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	27890	53	330
	0,3 / 2,1	**M6 (3m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	27133	53	
	0,4 / 2,2	**M6 (3m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	26770	53	
	0,4 / 2,6	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	25847	53	
	0,5 / 3,0	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	25036	53	
	0,6 / 3,4	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	30419	53	
	0,7 / 4,1	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	28994	53	
	0,8 / 5,0	**M5 (2m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	27666	53	
	1,0 / 5,9	**M5 (2m)**	0,8 / 4,9	11 / 69	637 / 640	**42,22**	**VR273.1K-E112MUE**	25116	60	
	1,1 / 6,9	**M6 (3m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	19270	60	
	1,3 / 8,3	**M6 (3m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	18501	60	
	1,6 / 9,8	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	17754	60	
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	23158	82	331
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	21885	82	
	0,4 / 2,7	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	21182	82	
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	20221	82	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	19072	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	8,1 / 50	405 / 449	**57,79**	**VR373.1K-E100LUE**	18307	82	
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17448	90	
	1,0 / 6,0	**M8 (5m)**	0,8 / 4,9	11 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	16429	90	
	1,1 / 7,1	**M8 (5m)**	0,8 / 4,9	13 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	15482	90	
	1,3 / 7,8	**M8 (5m)**	0,8 / 4,9	15 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	15095	90	
	1,5 / 9,2	**M8 (5m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14511	90	
	1,7 / 10,7	**M7 (4m)**	1,6 / 9,5	20 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13592	107	
Ø120	0,3 / 2,0	**M5 (2m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	35334	53	330
	0,4 / 2,3	**M4 (1Am)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	43082	53	
	0,4 / 2,4	**M4 (1Am)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	42415	53	
	0,5 / 2,8	**M4 (1Am)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	40747	53	
	0,5 / 3,3	**M4 (1Am)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	39320	53	
	0,6 / 3,7	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	37991	53	
	0,7 / 4,5	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	36147	53	
	0,9 / 5,4	**M4 (1Am)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	34439	53	
	0,4 / 2,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,5 / 2,9	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,7 / 4,1	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	15190	90	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	11 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,2 / 7,7	**M8 (5m)**	0,8 / 4,9	13 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,4 / 8,5	**M7 (4m)**	0,8 / 4,9	15 / 90	490 / 494	**32,11**	**VR373.1K-E112MUE**	12619	90	
	1,6 / 10	**M7 (4m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	12097	107	
	1,9 / 11,7	**M7 (4m)**	1,6 / 9,5	20 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13549	107	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

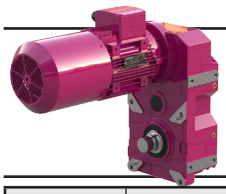


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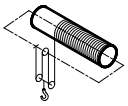
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,4 / 2,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,6 / 3,7	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,7 / 4,4	**M8 (5m)**	0,37 / 2,5	7,0 / 43	472 / 523	**67,45**	**VR373.1K-E100LUE**	15861	82	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,2 / 7,1	**M8 (5m)**	0,8 / 4,9	11 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,4 / 8,3	**M7 (4m)**	0,8 / 4,9	13 / 82	541 / 545	**35,49**	**VR373.1K-E112MUE**	12967	90	
	1,5 / 9,2	**M7 (4m)**	1,6 / 9,5	15 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	12619	107	
	1,8 / 10,8	**M7 (4m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	12097	107	
	2,1 / 12,7	**M7 (4m)**	1,6 / 9,5	20 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	13549	107	
Ø140	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,7 / 4,0	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15861	90	
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,0 / 6,1	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,2 / 7,7	**M7 (4m)**	0,8 / 4,9	11 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,5 / 9,0	**M7 (4m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	12967	107	
	1,6 / 9,9	**M7 (4m)**	1,6 / 9,5	15 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	12619	107	
	1,9 / 11,7	**M7 (4m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	11677	107	
	2,2 / 13,6	**M6 (3m)**	1,6 / 9,5	20 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø150	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,7 / 4,3	**M8 (5m)**	0,37 / 2,5	5,9 / 37	554 / 614	**79,34**	**VR373.1K-E100LUE**	16590	82	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	1,0 / 5,9	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,1 / 6,5	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,3 / 8,2	**M7 (4m)**	0,8 / 4,9	11 / 70	630 / 634	**41,42**	**VR373.1K-E112MUE**	13517	90	
	1,6 / 9,6	**M7 (4m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	12967	107	
	1,7 / 10,6	**M7 (4m)**	1,6 / 9,5	15 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	12619	107	
	2,0 / 12,5	**M6 (3m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14552	107	
	2,4 / 14,6	**M6 (3m)**	1,6 / 9,5	20 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø160	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,4	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,6 / 3,9	**M8 (5m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,7 / 4,6	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	16590	90	
	0,9 / 5,4	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	1,0 / 6,3	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,1 / 7,0	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,4 / 8,8	**M7 (4m)**	1,6 / 9,5	11 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	13517	107	
	1,7 / 10,3	**M6 (3m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	16053	107	
	1,8 / 11,3	**M6 (3m)**	1,6 / 9,5	15 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	15133	107	
	2,2 / 13,3	**M6 (3m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14552	107	
	2,5 / 15,6	**M6 (3m)**	1,6 / 9,5	20 / 123	714 / 698	**23,58**	**VR373.1K-E132MUE**	16289	107	
Ø170	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,6	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,7 / 4,1	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,8 / 4,9	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	16590	90	
	0,9 / 5,7	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	1,1 / 6,7	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	1,2 / 7,4	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	11 / 70	1261 / 1230	**41,42**	**VR373.1K-E132MUE**	16752	107	
	1,8 / 10,9	**M6 (3m)**	1,6 / 9,5	13 / 82	1082 / 1056	**35,49**	**VR373.1K-E132MUE**	15516	107	
	2,0 / 12,1	**M6 (3m)**	1,6 / 9,5	15 / 90	980 / 957	**32,11**	**VR373.1K-E132MUE**	15133	107	
	2,3 / 14,2	**M6 (3m)**	1,6 / 9,5	17 / 105	831 / 813	**27,53**	**VR373.1K-E132MUE**	14552	107	
	2,7 / 16,6	**M5 (2m)**	1,6 / 9,5	19,9 / 123	714 / 398	**23,58**	**VR373.1K-E132MUE**	19605	107	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



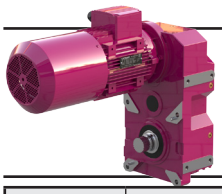
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø180	0,5 / 3,4	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,8	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,7 / 4,3	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,8 / 5,2	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	1,0 / 6,1	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	1,1 / 7,1	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	1,3 / 7,8	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	

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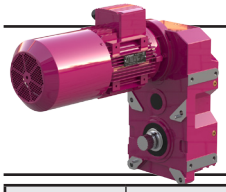
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	2,5 / 15,2	**M5 (2m)**	2,6 / 16	2,9 / 18	8015 / 7972	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	2,8 / 17,4	**M5 (2m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160MUE**	79943	305	
	3,1 / 19,6	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	93430	305	
	1,9 / 11,6	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,1 / 13,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,5 / 15,4	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	3,0 / 18,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	3,3 / 20,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø280	2,5 / 15,8	**M5 (2m)**	2,6 / 16	2,9 / 18	8015 / 7972	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	2,9 / 18	**M5 (2m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160MUE**	93254	305	
	3,3 / 20,3	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	93430	305	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,2 / 13,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,6 / 16	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	3,1 / 19,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	3,4 / 21,5	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø290	2,0 / 12,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	2,6 / 16,5	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	3,2 / 19,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	3,6 / 22,3	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø300	2,1 / 12,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,4 / 14,5	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	2,7 / 17,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
	3,3 / 20,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
Ø320	2,2 / 13,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	2,5 / 15,5	**M8 (5m)**	2,6 / 16	2,5 / 15	9287 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	2,9 / 18,2	**M8 (5m)**	2,6 / 16	2,9 / 18	7912 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
	3,5 / 21,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6592 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
Ø340	2,4 / 14,7	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	2,7 / 16,5	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	3,1 / 19,4	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7939	**161,66**	**VR673.1K-E160MUE**	97121	405	
Ø360	2,5 / 15,5	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	2,8 / 17,4	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	90839	405	
	3,3 / 20,5	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
Ø380	2,7 / 16,4	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	3,0 / 18,4	**M7 (4m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	90839	405	
	3,5 / 21,7	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	

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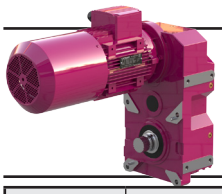


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,9 / 5,6	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	1,0 / 6,4	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	45238	122	
	1,2 / 7,7	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	45331	147	
	1,3 / 8,1	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	46400	147	
	1,6 / 9,6	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,8 / 11,1	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,0 / 12,6	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	2,3 / 14,4	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	2,7 / 16,5	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	48565	227	
	3,0 / 18,9	**M5 (2m)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48313	227	
	3,7 / 22,9	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	48808	227	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,9 / 5,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	1,4 / 8,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,6 / 10,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,2 / 13,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,4 / 15,1	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	75965	305	
	2,9 / 18,4	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
	3,3 / 20,8	**M8 (5m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø180	1,0 / 5,9	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	1,1 / 6,7	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	1,3 / 8,1	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	45331	147	
	1,4 / 8,6	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	45705	147	
	1,7 / 10,2	**M5 (2m)**	1,6 / 9,5	5,9 / 36	2419 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,9 / 11,7	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,2 / 13,4	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	2,5 / 15,2	**M5 (2m)**	2,6 / 16	8,7 / 54	2657 / 2691	**54,35**	**VR473.1K-E160MUE**	48020	227	
	2,8 / 17,5	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	48565	227	
	3,2 / 20	**M5 (2m)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48313	227	
	0,8 / 5,0	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,9 / 5,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	1,0 / 6,5	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	1,3 / 7,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,7 / 10,6	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,9 / 12	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,3 / 14,2	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	2,6 / 16	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	75965	305	
	3,1 / 19,5	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
	3,5 / 22	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø190	1,0 / 6,3	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	1,2 / 7,1	**M6 (3m)**	1,6 / 9,5	3,9 / 24	3656 / 3557	**121,49**	**VR473.1K-E132MUE**	44393	147	
	1,4 / 8,6	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	45331	147	
	1,5 / 9,1	**M5 (2m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	46400	147	
	1,7 / 10,8	**M5 (2m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	2,0 / 12,4	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	2,3 / 14,1	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	47395	147	
	2,6 / 16,1	**M5 (2m)**	2,6 / 16	8,7 / 54	2657 / 2691	**54,35**	**VR473.1K-E160MUE**	48020	227	
	3,0 / 18,5	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	47728	227	
	3,4 / 21,1	**M4 (1Am)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50379	227	
	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,0 / 6,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	1,1 / 6,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	1,3 / 8,1	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

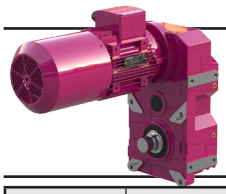


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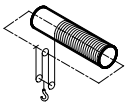
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	333
	1,8 / 11,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,1 / 12,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,4 / 15	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	2,7 / 16,8	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
	3,3 / 20,5	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
Ø200	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	1,2 / 7,2	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	1,4 / 8,6	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	1,7 / 10,4	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,9 / 11,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,2 / 13,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,6 / 15,7	**M8 (5m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	2,8 / 17,7	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
	3,5 / 21,6	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
Ø210	0,9 / 5,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	1,5 / 9,0	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	1,8 / 11	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	2,0 / 12,4	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,3 / 14	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	2,7 / 16,5	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	3,0 / 18,6	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
	3,6 / 22,7	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
Ø220	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48953	196	333
	1,1 / 7,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	56668	196	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62171	221	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66129	221	
	1,9 / 11,5	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68456	221	
	2,1 / 13	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70977	221	
	2,4 / 14,6	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73056	305	
	2,8 / 17,3	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74761	305	
	3,2 / 19,5	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76227	305	
Ø230	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4326 / 4203	**143,35**	**VR573.1K-E132MUE**	57013	221	
	1,3 / 8,3	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	2,0 / 12	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	2,2 / 13,6	**M7 (4m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,5 / 15,3	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73289	305	
	2,9 / 18,1	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	75227	305	
	3,3 / 20,4	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
Ø240	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	1,2 / 7,6	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4326 / 4203	**143,35**	**VR573.1K-E132MUE**	57013	221	
	1,4 / 8,6	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	63417	221	
	1,7 / 10,3	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	2,0 / 12,5	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	2,3 / 14,2	**M7 (4m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	2,6 / 16	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73289	305	
	3,1 / 18,9	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	75227	305	
	3,4 / 21,3	**M6 (3m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	81271	305	

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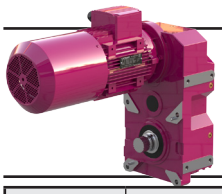
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø130	0,4 / 2,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,4 / 2,8	**M8 (5m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,5 / 3,1	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,6 / 3,7	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	16590	90	
	0,7 / 4,4	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	0,8 / 5,1	**M7 (4m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	14749	90	
	0,9 / 5,7	**M7 (4m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	14375	90	
	1,2 / 7,2	**M6 (3m)**	1,6 / 9,5	11 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	16752	107	
	1,4 / 8,4	**M6 (3m)**	1,6 / 9,5	13 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	16053	107	
	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	15 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	1,8 / 10,8	**M6 (3m)**	1,6 / 9,5	17 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	2,1 / 12,7	**M6 (3m)**	1,6 / 9,5	20 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	16238	107	
	0,5 / 2,9	**M8 (5m)**	0,37 / 2,5	4,6 / 29	708 / 785	**101,48**	**VR473.1K-E100LUE**	45331	115	332
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,9 / 30	670 / 742	**95,87**	**VR473.1K-E100LUE**	46400	115	
	0,6 / 3,7	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	0,7 / 4,2	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	7,7 / 47	939 / 944	**61,85**	**VR473.1K-E112MUE**	48265	122	
	0,9 / 5,4	**M8 (5m)**	0,8 / 4,9	8,7 / 54	826 / 831	**54,35**	**VR473.1K-E112MUE**	48020	122	
	1,0 / 6,2	**M8 (5m)**	0,8 / 4,9	10 / 62	722 / 726	**47,37**	**VR473.1K-E112MUE**	48565	122	
	1,2 / 7,2	**M8 (5m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	1,7 / 10,5	**M8 (5m)**	1,6 / 9,5	17 / 103	863 / 844	**28,45**	**VR473.1K-E132MUE**	50316	147	
Ø140	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,5 / 3,0	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,5 / 3,4	**M7 (4m)**	0,37 / 2,5	5,0 / 31	657 / 728	**94,32**	**VR373.1K-E100LUE**	17394	82	
	0,7 / 4,0	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	0,8 / 4,7	**M7 (4m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	15336	90	
	0,9 / 5,5	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	1,0 / 6,1	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	
	1,3 / 7,8	**M6 (3m)**	1,6 / 9,5	11 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	16752	107	
	1,5 / 9,1	**M6 (3m)**	1,6 / 9,5	13 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	15516	107	
	1,6 / 10	**M6 (3m)**	1,6 / 9,5	15 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	15101	107	
	1,9 / 11,7	**M5 (2m)**	1,6 / 9,5	17 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	14519	107	
	2,2 / 13,6	**M5 (2m)**	1,6 / 9,5	20 / 124	714 / 698	**23,58**	**VR373.1K-E132MUE**	19545	107	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	332
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	4,6 / 29	708 / 785	**101,48**	**VR473.1K-E100LUE**	45331	115	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	4,9 / 30	670 / 742	**95,87**	**VR473.1K-E100LUE**	46400	115	
	0,6 / 3,9	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	7,7 / 47	939 / 944	**61,85**	**VR473.1K-E112MUE**	48265	122	
	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	8,7 / 54	826 / 831	**54,35**	**VR473.1K-E112MUE**	48020	122	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	10 / 62	722 / 726	**47,37**	**VR473.1K-E112MUE**	48565	122	
	1,3 / 7,7	**M8 (5m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	1,8 / 11,3	**M8 (5m)**	1,6 / 9,5	17 / 103	863 / 844	**28,45**	**VR473.1K-E132MUE**	50316	147	
Ø150	0,5 / 2,8	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,5 / 3,2	**M7 (4m)**	0,37 / 2,5	4,4 / 27	742 / 821	**106,69**	**VR373.1K-E100LUE**	17982	82	
	0,6 / 3,6	**M7 (4m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	17394	90	
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	15957	90	
	0,8 / 5,1	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	1,0 / 5,9	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	1,1 / 6,5	**M6 (3m)**	0,8 / 4,9	9,0 / 55	794 / 798	**52,30**	**VR373.1K-E112MUE**	17850	90	
	1,4 / 8,3	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	16752	107	
	1,6 / 9,7	**M6 (3m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	15516	107	
	1,7 / 10,7	**M5 (2m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	2,0 / 12,5	**M5 (2m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

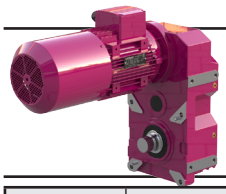


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø150	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	0,5 / 3,4	**M8 (5m)**	0,37 / 2,5	4,6 / 29	708 / 785	**101,48**	**VR473.1K-E100LUE**	45331	115	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	4,9 / 30	670 / 742	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,7 / 4,2	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	7,7 / 47	939 / 944	**61,85**	**VR473.1K-E112MUE**	48265	122	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	8,7 / 54	826 / 831	**54,35**	**VR473.1K-E112MUE**	48020	122	
	1,2 / 7,2	**M8 (5m)**	1,6 / 9,5	10 / 62	722 / 726	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,3 / 8,3	**M8 (5m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	1,6 / 10	**M8 (5m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	2,0 / 12,1	**M8 (5m)**	1,6 / 9,5	17 / 103	863 / 844	**28,45**	**VR473.1K-E132MUE**	50316	147	
Ø160	0,5 / 3,0	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,4	**M7 (4m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	17982	90	
	0,6 / 3,9	**M7 (4m)**	0,8 / 4,9	5 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	17394	90	
	0,7 / 4,6	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	0,9 / 5,4	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	1,0 / 6,3	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	1,1 / 7,0	**M6 (3m)**	1,6 / 9,5	9,0 / 55	1587 / 1547	**52,30**	**VR373.1K-E132MUE**	17850	107	
	1,4 / 8,9	**M6 (3m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	16111	107	
	1,7 / 10,4	**M5 (2m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	19277	107	
	1,9 / 11,4	**M5 (2m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	2,2 / 13,3	**M5 (2m)**	1,6 / 9,5	17,3 / 106	831 / 813	**27,53**	**VR373.1K-E132MUE**	17988	107	
	0,4 / 2,6	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,0 / 5,9	**M8 (5m)**	0,8 / 4,9	7,7 / 47	939 / 944	**61,85**	**VR473.1K-E112MUE**	48265	122	
	1,1 / 6,7	**M8 (5m)**	0,8 / 4,9	8,7 / 54	826 / 831	**54,35**	**VR473.1K-E112MUE**	48020	122	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	10 / 62	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,4 / 8,9	**M8 (5m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	1,7 / 10,7	**M8 (5m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	2,1 / 12,9	**M7 (4m)**	1,6 / 9,5	17 / 103	863 / 844	**28,45**	**VR473.1K-E132MUE**	50316	147	
Ø170	0,5 / 3,2	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,6	**M7 (4m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	17982	90	
	0,7 / 4,1	**M6 (3m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	20798	90	
	0,8 / 4,9	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	0,9 / 5,7	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	1,1 / 6,7	**M6 (3m)**	0,8 / 4,9	8,1 / 50	876 / 881	**57,79**	**VR373.1K-E112MUE**	18333	90	
	1,2 / 7,4	**M5 (2m)**	1,6 / 9,5	9,0 / 55	1587 / 1547	**52,30**	**VR373.1K-E132MUE**	22058	107	
	1,5 / 9,4	**M5 (2m)**	1,6 / 9,5	11,3 / 70	1248 / 1219	**41,42**	**VR373.1K-E132MUE**	20059	107	
	1,8 / 11	**M5 (2m)**	1,6 / 9,5	13,2 / 82	1071 / 1047	**35,49**	**VR373.1K-E132MUE**	19277	107	
	2,0 / 12,2	**M5 (2m)**	1,6 / 9,5	14,8 / 91	970 / 949	**32,11**	**VR373.1K-E132MUE**	18738	107	
	0,5 / 2,8	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,5 / 3,2	**M8 (5m)**	0,37 / 2,5	3,9 / 24	845 / 936	**121,49**	**VR473.1K-E100LUE**	44393	115	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,8 / 4,8	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,0 / 6,3	**M8 (5m)**	0,8 / 4,9	7,7 / 47	939 / 944	**61,85**	**VR473.1K-E112MUE**	48265	122	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	10 / 62	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	1,8 / 11,4	**M7 (4m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	2,2 / 13,7	**M7 (4m)**	2,6 / 16	17 / 103	1402 / 1421	**28,45**	**VR473.1K-E160MUE**	50316	227	

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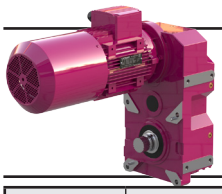


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø180	0,5 / 3,4	**M7 (4m)**	0,37 / 2,5	3,9 / 24	844 / 934	**121,67**	**VR373.1K-E100LUE**	18623	82	331
	0,6 / 3,8	**M6 (3m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	22280	90	
	0,7 / 4,3	**M6 (3m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	20798	90	
	0,8 / 5,2	**M6 (3m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	19913	90	
	1,0 / 6,1	**M6 (3m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	19096	90	
	0,5 / 3,0	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,5 / 3,4	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	0,9 / 5,8	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,1 / 6,6	**M8 (5m)**	0,8 / 4,9	7,7 / 47	939 / 944	**61,85**	**VR473.1K-E112MUE**	48265	122	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	10 / 62	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,6 / 10	**M7 (4m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	2,0 / 12,1	**M7 (4m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	2,4 / 14,5	**M7 (4m)**	2,6 / 16	17 / 103	1402 / 1421	**28,45**	**VR473.1K-E160MUE**	50316	227	
Ø190	0,6 / 3,6	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1825 / 1831	**121,67**	**VR373.1K-E112MUE**	23097	90	331
	0,7 / 4,1	**M6 (3m)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	21434	90	
	0,7 / 4,6	**M5 (2m)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	20798	90	
	0,9 / 5,5	**M5 (2m)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	24695	90	
	1,0 / 6,4	**M5 (2m)**	0,8 / 4,9	7,0 / 43	1021 / 1026	**67,45**	**VR373.1K-E112MUE**	23644	90	
	0,5 / 3,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,0 / 6,1	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	7,7 / 47	1878 / 1830	**61,85**	**VR473.1K-E132MUE**	48265	147	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	8,7 / 54	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,5 / 9,1	**M7 (4m)**	1,6 / 9,5	10 / 62	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,7 / 10,5	**M7 (4m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	2,1 / 12,7	**M7 (4m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	2,5 / 15,3	**M7 (4m)**	2,6 / 16	17 / 103	1402 / 1421	**28,45**	**VR473.1K-E160MUE**	50316	227	
Ø200	0,6 / 3,7	**M5 (2m)**	0,8 / 4,9	3,9 / 24	1825 / 1831	**121,67**	**VR373.1K-E112MUE**	28515	90	331
	0,7 / 4,3	**M4 (1Am)**	0,8 / 4,9	4,4 / 27	1604 / 1610	**106,69**	**VR373.1K-E112MUE**	33249	90	
	0,8 / 4,8	**M4 (1Am)**	0,8 / 4,9	5,0 / 31	1421 / 1426	**94,32**	**VR373.1K-E112MUE**	32170	90	
	0,9 / 5,7	**M4 (1Am)**	0,8 / 4,9	5,9 / 37	1198 / 1203	**79,34**	**VR373.1K-E112MUE**	30693	90	
	0,5 / 3,3	**M8 (5m)**	0,37 / 2,5	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E100LUE**	44067	115	332
	0,6 / 3,7	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,9 / 5,6	**M8 (5m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	47006	122	
	1,0 / 6,4	**M8 (5m)**	0,8 / 4,9	6,7 / 41	1070 / 1075	**70,59**	**VR473.1K-E112MUE**	47676	122	
	1,2 / 7,4	**M7 (4m)**	1,6 / 9,5	7,7 / 47	1878 / 1830	**61,85**	**VR473.1K-E132MUE**	48265	147	
	1,4 / 8,4	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1653 / 1611	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,6 / 9,6	**M7 (4m)**	1,6 / 9,5	10 / 62	1443 / 1407	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,8 / 11,1	**M7 (4m)**	1,6 / 9,5	11 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48313	147	
	2,2 / 13,4	**M7 (4m)**	1,6 / 9,5	14 / 86	1037 / 1014	**34,28**	**VR473.1K-E132MUE**	48808	147	
	2,6 / 16,1	**M6 (3m)**	2,6 / 16	17 / 103	1402 / 1421	**28,45**	**VR473.1K-E160MUE**	50316	227	

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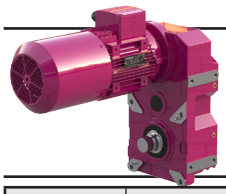


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø100	0,2 / 1,1	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,2 / 1,3	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,2 / 1,3	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,3 / 1,6	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,3 / 1,8	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,3 / 2,1	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,4 / 2,5	**M8 (5m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,5 / 3,0	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,6 / 3,6	**M7 (4m)**	0,37 / 2,5	11 / 69	295 / 327	**42,22**	**VR273.1K-E100LUE**	13624	53	
	0,7 / 4,2	**M7 (4m)**	0,8 / 4,9	13 / 80	551 / 554	**36,38**	**VR273.1K-E112MUE**	13151	60	
	0,8 / 5,0	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	12583	60	
	1,0 / 6,0	**M7 (4m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
Ø110	0,2 / 1,2	**M8 (5m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,2 / 1,4	**M8 (5m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,2 / 1,5	**M8 (5m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,3 / 1,7	**M8 (5m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,3 / 2,0	**M8 (5m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,4 / 2,3	**M8 (5m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,4 / 2,8	**M7 (4m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,5 / 3,3	**M7 (4m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
	0,6 / 4,0	**M7 (4m)**	0,8 / 4,9	11 / 69	295 / 327	**42,22**	**VR273.1K-E112MUE**	13624	60	
	0,7 / 4,6	**M7 (4m)**	0,8 / 4,9	13 / 80	637 / 640	**36,38**	**VR273.1K-E112MUE**	13151	60	
	0,9 / 5,5	**M7 (4m)**	0,8 / 4,9	15 / 96	461 / 464	**30,34**	**VR273.1K-E112MUE**	12583	60	
	1,1 / 6,6	**M6 (3m)**	0,8 / 4,9	18 / 114	387 / 389	**25,44**	**VR273.1K-E112MUE**	12039	60	
Ø120	0,2 / 1,3	**M7 (4m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,2 / 1,5	**M7 (4m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,3 / 1,6	**M7 (4m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,3 / 1,9	**M6 (3m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,4 / 2,2	**M6 (3m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,4 / 2,5	**M6 (3m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,5 / 3,0	**M6 (3m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
	0,6 / 3,6	**M6 (3m)**	0,37 / 2,5	9,3 / 58	351 / 388	**50,36**	**VR273.1K-E100LUE**	14184	53	
Ø130	0,2 / 1,4	**M6 (3m)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0,3 / 1,6	**M5 (2m)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0,3 / 1,7	**M5 (2m)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0,3 / 2,1	**M5 (2m)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0,4 / 2,4	**M5 (2m)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0,4 / 2,7	**M5 (2m)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0,5 / 3,3	**M5 (2m)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	
Ø140	0.2 / 1,5	**M4 (1Am)**	0,37 / 2,5	3,4 / 21	941 / 1036	**137,94**	**VR273.1K-E100LUE**	17087	53	330
	0.3 / 1,8	**M4 (1Am)**	0,37 / 2,5	3,9 / 24	825 / 909	**120,49**	**VR273.1K-E100LUE**	16761	53	
	0.3 / 1,9	**M4 (1Am)**	0,37 / 2,5	4,2 / 26	775 / 855	**113,02**	**VR273.1K-E100LUE**	16595	53	
	0.4 / 2,2	**M4 (1Am)**	0,37 / 2,5	4,9 / 30	661 / 729	**96,09**	**VR273.1K-E100LUE**	16156	53	
	0.4 / 2,5	**M4 (1Am)**	0,37 / 2,5	5,6 / 35	576 / 636	**83,46**	**VR273.1K-E100LUE**	15747	53	
	0.5 / 2,9	**M4 (1Am)**	0,37 / 2,5	6,4 / 40	505 / 559	**73,03**	**VR273.1K-E100LUE**	15345	53	
	0.6 / 3,5	**M4 (1Am)**	0,37 / 2,5	7,8 / 48	419 / 464	**60,39**	**VR273.1K-E100LUE**	14757	53	

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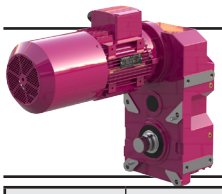
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø280	2,0 / 12,1 2,2 / 13,6 2,6 / 16	**M8 (5m)** **M8 (5m)** **M7 (4m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15 2,9 / 18	10487 / 10384 9346 / 9256 7987 / 7912	**213,15** **189,61** **161,66**	**VR673.1K-E160MUE** **VR673.1K-E160MUE** **VR673.1K-E160MUE**	78550 90757 97049	405 405 405	334
	2,5 / 15,5 2,8 / 17,3	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,8 / 18 3,2 / 20	8192 / 8171 7338 / 7322	**166,50** **148,95**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	124799 131766	515 515	335
Ø300	2,1 / 13 2,3 / 14,6 2,7 / 17,1	**M7 (4m)** **M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15 2,9 / 18	10487 / 10384 9346 / 9256 7987 / 7912	**213,15** **189,61** **161,66**	**VR673.1K-E160MUE** **VR673.1K-E160MUE** **VR673.1K-E160MUE**	78550 90757 97049	405 405 405	334
	1,9 / 11,8 2,2 / 13,8 2,7 / 16,6	**M8 (5m)** **M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,0 / 12,5 2,3 / 14,7 2,8 / 17,6	11355 / 11468 9842 / 9808 8192 / 8171	**233,77** **200,14** **166,50**	**VR773.1K-E160MUE** **VR773.1K-E160MUE** **VR773.1K-E160MUE**	103429 117498 124799	515 515 515	335
Ø320	2,2 / 13,8 2,5 / 15,6	**M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10487 / 10384 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	89277 98044	405 405	334
	2,0 / 12,6 2,4 / 14,7 2,8 / 17,7	**M8 (5m)** **M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,0 / 12,5 2,3 / 14,7 2,8 / 17,6	11355 / 11468 9842 / 9808 8192 / 8171	**233,77** **200,14** **166,50**	**VR773.1K-E160MUE** **VR773.1K-E160MUE** **VR773.1K-E160MUE**	114944 125257 129558	515 515 515	335
Ø340	2,4 / 14,7 2,6 / 16,5	**M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10487 / 10384 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	89277 98044	405 405	334
	2,2 / 13,4 2,5 / 15,7	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 12,5 2,3 / 14,7	11355 / 11468 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	114944 125257	515 515	335
Ø360	2,5 / 15,5 2,8 / 17,5	**M7 (4m)** **M6 (3m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10487 / 10384 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	89277 98044	405 405	334
	2,3 / 14,1 2,7 / 16,6	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 12,5 2,3 / 14,7	11355 / 11468 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	105413 117498	515 515	335
Ø380	2,6 / 16,4	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	97718	405	334
	2,4 / 14,9 2,8 / 17,5	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 12,5 2,3 / 14,7	11355 / 11468 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	105413 117498	515 515	335
Ø400	2,8 / 17,3	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	97718	405	334
	2,6 / 15,7	**M8 (5m)**	2,6 / 16	2,0 / 12,5	11355 / 11468	**233,77**	**VR773.1K-E160MUE**	114944	515	335
Ø420	2,7 / 16,5	**M8 (5m)**	2,6 / 16	2,0 / 12,5	11355 / 11468	**213,15**	**VR773.1K-E160MUE**	97718	515	335

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

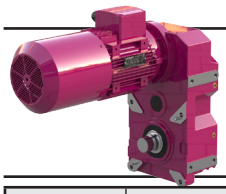


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	1,0 / 6,4	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	49475	221	333
	1,2 / 7,4	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,4 / 8,3	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,6 / 9,9	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	1,9 / 12,1	**M7 (4m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	68858	305	
	2,2 / 13,7	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	2,5 / 15,4	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	0,8 / 4,9	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	298	334
	0,9 / 5,5	**M8 (5m)**	0,8 / 4,9	2,5 / 15	2876 / 2869	**189,61**	**VR673.1K-E112MUE**	87982	298	
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,7 / 10,3	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,9 / 12,1	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	2,2 / 13,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	2,5 / 15,9	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø240	1,1 / 6,7	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	49475	221	333
	1,2 / 7,7	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,4 / 8,7	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,7 / 10,3	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	2,0 / 12,6	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75460	305	
	2,3 / 14,2	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	2,6 / 16	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	298	334
	0,9 / 5,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	87982	323	
	1,1 / 6,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,5 / 9,2	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,8 / 10,8	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	2,0 / 12,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	2,3 / 14,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	2,7 / 16,6	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø250	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	50607	221	333
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,5 / 9,1	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,7 / 10,7	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	2,1 / 13,1	**M7 (4m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75460	305	
	2,4 / 14,8	**M7 (4m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	2,7 / 16,7	**M7 (4m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	298	334
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	87982	323	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	1,4 / 8,5	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,6 / 9,6	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,8 / 11,2	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	2,4 / 15,1	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	2,8 / 17,3	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø260	1,2 / 7,3	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	50607	221	333
	1,4 / 8,3	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,5 / 9,4	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	1,8 / 11,1	**M6 (3m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	74078	221	
	2,2 / 13,6	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	76433	305	
	2,5 / 15,4	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	2,8 / 17,4	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	

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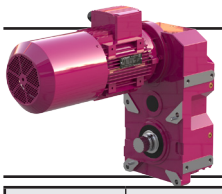


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	87982	323	
	1,2 / 7,4	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	1,4 / 8,9	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,6 / 10	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,9 / 11,7	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	2,2 / 13,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	2,5 / 15,7	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	2,9 / 18	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø270	1,2 / 7,6	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	50607	221	333
	1,4 / 8,6	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	1,6 / 9,8	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	1,9 / 11,6	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	74078	305	
	2,3 / 14,2	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	76433	305	
	2,6 / 16	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	0,9 / 5,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	87982	323	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	1,5 / 9,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,7 / 10,3	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,0 / 12,1	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	2,3 / 14,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	2,6 / 16,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
Ø280	1,3 / 7,9	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	48599	221	333
	1,5 / 9,0	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	66441	221	
	1,6 / 10,1	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	70911	221	
	1,9 / 12	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	73522	305	
	2,4 / 14,7	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75389	305	
	2,7 / 16,6	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	77332	305	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	87982	323	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	1,6 / 9,6	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,7 / 10,7	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,0 / 12,6	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	2,4 / 14,7	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	
	2,7 / 16,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
Ø290	1,3 / 8,1	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61671	221	333
	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	1,7 / 10,5	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	2,0 / 12,4	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	74078	305	
	2,5 / 15,2	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	76433	305	
	2,8 / 17,2	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	84562	305	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	87982	323	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	1,6 / 9,9	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,8 / 11,1	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	2,1 / 13	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	2,4 / 15,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	
	2,8 / 17,5	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
Ø300	1,4 / 8,4	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61671	221	333
	1,6 / 9,6	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	

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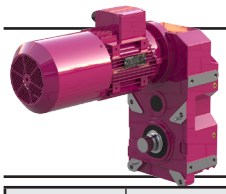


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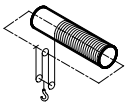
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	1,8 / 10,9	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	333
	2,1 / 12,9	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	74078	305	
	2,5 / 15,7	**M5 (2m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	83610	305	
	2,9 / 17,8	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	84562	305	
	1,0 / 6,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	1,2 / 7,2	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5751 / 5562	**189,61**	**VR673.1K-E132MUE**	87982	323	
	1,4 / 8,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	1,9 / 11,5	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160MUE**	104020	405	
	2,2 / 13,5	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	2,5 / 15,8	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	

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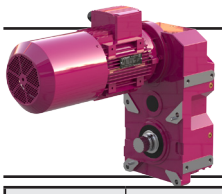
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,5 / 2,8	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	40184	122	332
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	0,8 / 4,8	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	44717	122	
	0,9 / 5,5	**M7 (4m)**	0,8 / 4,9	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E112MUE**	45522	122	
	1,0 / 6,3	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46230	147	
	1,2 / 7,2	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	1,3 / 8,2	**M7 (4m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	44027	147	
	1,5 / 9,4	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	42575	147	
	1,8 / 11,4	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49008	227	
	2,2 / 13,8	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	0,7 / 4,4	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	72715	196	333
	0,8 / 5,0	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUE**	74293	196	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	77322	221	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	1,5 / 9,2	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	78947	221	
	1,7 / 10,4	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	79521	221	
	1,9 / 11,7	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	80454	305	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	80637	305	
Ø180	0,5 / 3,0	**M8 (5m)**	0,8 / 4,9	3,4 / 21	960 / 1062	**138,35**	**VR473.1K-E112MUE**	40184	122	332
	0,5 / 3,4	**M8 (5m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	0,7 / 4,0	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	0,8 / 5,1	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1222 / 1227	**81,00**	**VR473.1K-E112MUE**	44717	122	
	1,0 / 5,9	**M7 (4m)**	1,6 / 9,5	6,7 / 41	1068 / 1073	**70,59**	**VR473.1K-E132MUE**	45522	147	
	1,1 / 6,7	**M7 (4m)**	1,6 / 9,5	7,6 / 47	937 / 942	**61,85**	**VR473.1K-E132MUE**	46230	147	
	1,2 / 7,6	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1633 / 1594	**54,35**	**VR473.1K-E132MUE**	45131	147	
	1,4 / 8,7	**M7 (4m)**	1,6 / 9,5	10 / 62	1425 / 1392	**47,37**	**VR473.1K-E132MUE**	44027	147	
	1,6 / 10	**M7 (4m)**	1,6 / 9,5	11,4 / 70	1251 / 1223	**41,50**	**VR473.1K-E132MUE**	42575	147	
	1,9 / 12,1	**M6 (3m)**	2,6 / 16	13,9 / 85	1035 / 1012	**34,28**	**VR473.1K-E160MUE**	49008	227	
	2,3 / 14,6	**M6 (3m)**	2,6 / 16	16,5 / 103	1414 / 1413	**28,45**	**VR473.1K-E160MUE**	46483	227	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	333
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	68206	196	
	0,9 / 5,3	**M8 (5m)**	0,8 / 4,9	6,1 / 37	1179 / 1184	**77,63**	**VR573.1K-E112MUE**	70695	196	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,6 / 9,7	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	1,8 / 11	**M8 (5m)**	1,6 / 9,5	13 / 78	1139 / 1114	**37,64**	**VR573.1K-E132MUE**	77633	221	
	2,0 / 12,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	2,3 / 14,7	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø190	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	0,6 / 3,6	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	0,7 / 4,5	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	0,9 / 5,3	**M7 (4m)**	0,8 / 4,9	5,8 / 36	1225 / 1231	**81,00**	**VR473.1K-E112MUE**	44717	122	
	1,0 / 6,2	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45522	147	
	1,1 / 7,1	**M7 (4m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	44259	147	
	1,3 / 8,0	**M7 (4m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	45131	147	
	1,5 / 9,2	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	1,7 / 10,5	**M6 (3m)**	1,6 / 9,5	11,4 / 70	1253 / 1225	**41,50**	**VR473.1K-E132MUE**	48548	147	
	2,0 / 12,8	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49008	227	
	2,5 / 15,4	**M6 (3m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	46483	227	
	0,6 / 3,4	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	333
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	

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**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

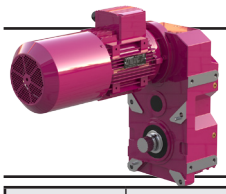


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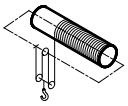
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	0,8 / 4,9	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	68206	196	333
	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,4 / 8,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	1,9 / 11,6	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	2,5 / 15,5	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø200	0,5 / 3,3	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	0,6 / 3,7	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	0,7 / 4,5	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	0,8 / 4,7	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	0,9 / 5,6	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	1,1 / 6,5	**M7 (4m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45522	147	
	1,2 / 7,4	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	44259	147	
	1,4 / 8,4	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,6 / 9,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	1,8 / 11,1	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	
	2,2 / 13,4	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	47470	227	
	2,6 / 16,2	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	0,5 / 2,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,7 / 4,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	0,8 / 5,2	**M8 (5m)**	0,8 / 4,9	5,3 / 33	1333 / 1338	**87,90**	**VR573.1K-E112MUE**	68206	196	
	1,0 / 5,9	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,7 / 10,8	**M8 (5m)**	1,6 / 9,5	11 / 69	1287 / 1259	**42,62**	**VR573.1K-E132MUE**	76605	221	
	2,0 / 12,2	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	2,6 / 16,3	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø210	0,6 / 3,5	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	0,6 / 3,9	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	0,8 / 4,7	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	0,8 / 5,0	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	1,0 / 5,9	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44717	147	
	1,1 / 6,8	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	1,3 / 7,8	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,4 / 8,9	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,7 / 10,2	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	1,9 / 11,6	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	
	2,3 / 14,1	**M6 (3m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	47470	227	
	2,7 / 17	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	0,9 / 5,4	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68206	221	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	1,3 / 8,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,5 / 9,3	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,8 / 11,3	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	2,1 / 12,8	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2,3 / 14,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
	2,7 / 17,1	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



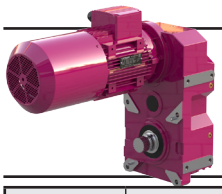
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	0,6 / 3,6	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	0,7 / 4,1	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	0,8 / 4,9	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	41186	122	
	0,8 / 5,2	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	42563	122	
	1,0 / 6,2	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	47428	147	
	1,2 / 7,2	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	1,3 / 8,2	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,5 / 9,3	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	1,7 / 10,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	47992	147	
	2,0 / 12,2	**M6 (3m)**	2,6 / 16	11,4 / 70	2036 / 2063	**41,50**	**VR473.1K-E160MUE**	48548	227	
	2,4 / 14,8	**M5 (2m)**	2,6 / 16	13,9 / 85	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49401	227	
	2,9 / 17,8	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	49947	227	
	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,6 / 3,5	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,6 / 3,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,8 / 4,7	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68206	221	
	1,0 / 6,5	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,6 / 9,7	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,9 / 11,9	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	2,2 / 13,4	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2,4 / 15,2	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
Ø230	0,6 / 3,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,8 / 5,2	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	44091	122	
	0,9 / 5,5	**M7 (4m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45228	147	
	1,0 / 6,5	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	49870	147	
	1,2 / 7,5	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	49343	147	
	1,4 / 8,5	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49876	147	
	1,6 / 9,7	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	49389	147	
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,6 / 3,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,7 / 4,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,8 / 4,9	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68206	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	1,5 / 9,0	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1,7 / 10,2	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	2,0 / 12,4	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	2,3 / 14	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2,5 / 15,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	
Ø240	0,6 / 3,9	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	37881	122	332
	0,7 / 4,5	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	39726	122	
	0,9 / 5,4	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44588	147	
	0,9 / 5,7	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45705	147	
	1,1 / 6,7	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2450 / 2386	**81,00**	**VR473.1K-E132MUE**	44830	147	
	1,3 / 7,8	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	45795	147	
	1,4 / 8,9	**M6 (3m)**	1,6 / 9,5	7,6 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	46629	147	
	1,6 / 10,1	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	47357	147	
	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,8 / 5,1	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	5,3 / 33	2665 / 2594	**87,90**	**VR573.1K-E132MUE**	68206	221	

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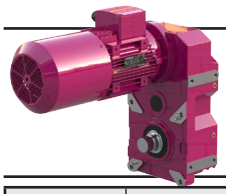


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø240	1.1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,1 / 37	2357 / 2296	**77,63**	**VR573.1K-E132MUE**	70695	221	333
	1.3 / 8,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	72763	221	
	1.5 / 9,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74607	221	
	1.7 / 10,6	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	2.1 / 12,9	**M8 (5m)**	2,6 / 16	11 / 69	2092 / 2121	**42,62**	**VR573.1K-E160MUE**	76605	305	
	2.4 / 14,6	**M8 (5m)**	2,6 / 16	13 / 78	1850 / 1876	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2.6 / 16,5	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78568	305	

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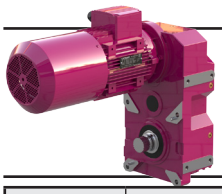


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	2,1 / 13	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	89277	405	334
	1,9 / 11,8 2,2 / 13,8	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11475 / 11428 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	105294 117394	515 515	335
Ø320	2,2 / 13,8	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	97608	405	334
	2,0 / 12,6	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	105294	515	335
Ø340	2,1 / 13,4	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	105294	515	335
Ø360	2,3 / 14,2	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	105294	515	335

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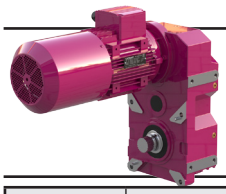


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,2 / 7,6	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	333
	1,4 / 8,6	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	1,6 / 9,8	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	1,9 / 11,6	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	0,9 / 5,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	1,7 / 10,4	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	104020	405	
	2,0 / 12,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
	2,3 / 14,2	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109816	405	
Ø280	1,3 / 7,9	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	333
	1,5 / 9,0	**M5 (2m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	1,6 / 10,2	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	1,9 / 12	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,1 / 6,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,5 / 9,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	1,7 / 10,8	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	2,0 / 12,6	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø290	1,3 / 8,1	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	1,5 / 9,3	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	1,7 / 10,5	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	2,0 / 12,5	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,6 / 9,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	1,8 / 11,1	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø300	1,4 / 8,4	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	1,6 / 9,6	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	1,7 / 10,9	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	2,1 / 12,9	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	1,0 / 6,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,4 / 8,5	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,6 / 10,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	1,8 / 11,5	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	2,2 / 13,5	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø310	1,4 / 8,7	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	1,6 / 9,9	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	1,8 / 11,3	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	2,1 / 13,3	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	1,7 / 10,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

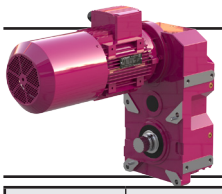


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø310	1,9 / 11,9	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	334
	2,2 / 14	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø320	1,5 / 9,0	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	1,7 / 10,3	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	1,9 / 11,6	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	2,2 / 13,8	**M4 (1Am)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	1,1 / 6,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,3 / 7,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,5 / 9,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	95588	405	
	1,8 / 11	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	2,0 / 12,3	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	2,3 / 14,4	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø330	1,5 / 9,3	**M5 (2m)**	2,6 / 16	2,9 / 18	7931 / 7999	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	1,7 / 10,6	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	1,9 / 12	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	2,3 / 14,2	**M4 (1Am)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,5 / 9,4	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	95588	405	
	1,8 / 11,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101128	405	
	2,1 / 12,6	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
Ø340	1,5 / 9,5	**M5 (2m)**	2,6 / 16	2,9 / 18	7931 / 7999	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	1,8 / 10,9	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	80014	305	
	2,0 / 12,4	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	93498	305	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,3 / 8,2	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	95588	405	
	1,9 / 11,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101128	405	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

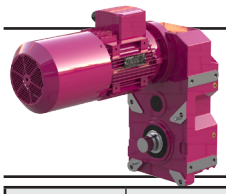


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,5 / 2,8	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	0,5 / 3,2	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	45238	122	
	0,6 / 3,8	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,7 / 4,0	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,8 / 4,8	**M7 (4m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	0,9 / 5,5	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,0 / 6,3	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	1,2 / 7,2	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,3 / 8,2	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,5 / 9,4	**M6 (3m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48313	227	
	1,8 / 11,4	**M6 (3m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	48808	227	
	2,2 / 13,8	**M5 (2m)**	2,6 / 16	16,5 / 103	1417 / 1417	**28,45**	**VR473.1K-E160MUE**	50316	227	
	0,4 / 2,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48784	196	333
	0,4 / 2,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	0,7 / 4,4	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68206	221	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70695	221	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	76605	305	
	1,7 / 10,4	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	77633	305	
	1,9 / 11,7	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78966	305	
	2,2 / 13,8	**M8 (5m)**	2,6 / 16	17 / 104	1410 / 1411	**28,30**	**VR573.1K-E160MUE**	78834	305	
Ø180	0,5 / 3,0	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	0,5 / 3,4	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,7 / 4,0	**M7 (4m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,7 / 4,3	**M7 (4m)**	0,8 / 4,9	4,9 / 30	1448 / 1454	**95,87**	**VR473.1K-E112MUE**	46400	122	
	0,8 / 5,1	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,0 / 5,9	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,1 / 6,7	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	1,2 / 7,6	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,4 / 8,7	**M6 (3m)**	1,6 / 9,5	10 / 62	1428 / 1395	**47,37**	**VR473.1K-E132MUE**	48565	147	
	1,6 / 10	**M6 (3m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48313	227	
	1,9 / 12,1	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	50759	227	
	0,4 / 2,5	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48784	196	333
	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	0,8 / 4,7	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68206	221	
	0,9 / 5,3	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70695	221	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	76605	305	
	1,8 / 11	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2,0 / 12,4	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78966	305	
Ø190	0,5 / 3,1	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	44067	122	332
	0,6 / 3,6	**M7 (4m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,7 / 4,3	**M6 (3m)**	0,8 / 4,9	4,6 / 29	1532 / 1538	**101,48**	**VR473.1K-E112MUE**	45331	122	
	0,7 / 4,5	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	46400	147	
	0,9 / 5,4	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,0 / 6,2	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,1 / 7,1	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	48265	147	
	1,3 / 8,0	**M6 (3m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,5 / 9,2	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	48565	227	
	1,7 / 10,5	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48313	227	
	2,0 / 12,8	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	50759	227	

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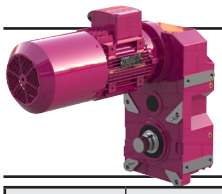


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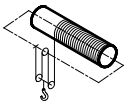
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	0,4 / 2,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	48784	196	333
	0,5 / 3,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,6 / 3,4	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	0,7 / 4,0	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	65881	196	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68206	221	
	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	70695	221	
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,2 / 7,5	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,4 / 8,4	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	75965	221	
	1,6 / 10,3	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	76605	305	
	1,9 / 11,6	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	77633	305	
	2,1 / 13,1	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	78966	305	
Ø200	0,5 / 3,3	**M7 (4m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	0,6 / 3,7	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,7 / 4,5	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	45331	147	
	0,8 / 4,7	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45228	147	
	0,9 / 5,7	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,1 / 6,5	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	47676	147	
	1,2 / 7,4	**M6 (3m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	47395	147	
	1,4 / 8,4	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	48020	147	
	1,6 / 9,7	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	49917	227	
	1,8 / 11,1	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50379	227	
	2,2 / 13,4	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49854	227	
	0,5 / 2,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,6 / 3,6	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,7 / 4,2	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,0 / 5,9	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	1,3 / 7,9	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	1,4 / 8,8	**M8 (5m)**	1,6 / 9,5	9,1 / 56	1568 / 1533	**51,97**	**VR573.1K-E132MUE**	78210	221	
	1,7 / 10,8	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	78483	305	
	2,0 / 12,2	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78953	305	
	2,2 /13,8	**M8 (5m)**	2,6 / 16	14 / 88	1664 / 1665	**33,46**	**VR573.1K-E160MUE**	79948	305	
Ø210	0,6 / 3,5	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	0,6 / 3,9	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,8 / 4,7	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44091	147	
	0,8 / 5,0	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45228	147	
	1,0 / 6,0	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,1 / 6,8	**M6 (3m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	46685	147	
	1,3 / 7,8	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49876	147	
	1,4 / 8,9	**M5 (2m)**	1,6 / 9,5	8,7 / 54	1635 / 1597	**54,35**	**VR473.1K-E132MUE**	50346	147	
	1,7 / 10,2	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	49917	227	
	1,9 / 11,7	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50379	227	
	2,3 / 14,1	**M5 (2m)**	2,6 / 16	13,7 / 86	1704 / 1703	**34,28**	**VR473.1K-E160MUE**	49854	227	
	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,7 / 4,5	**M8 (5m)**	0,8 / 4,9	4,4 / 27	1623 / 1629	**107,18**	**VR573.1K-E112MUE**	70751	196	
	0,9 / 5,5	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	1,3 / 8,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	1,5 / 9,3	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	78210	305	
	1,8 / 11,4	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	78483	305	
	2,1 / 12,9	**M8 (5m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78953	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



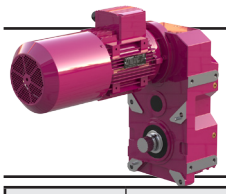
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø220	0,6 / 3,6	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	0,7 / 4,1	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	44393	122	
	0,8 / 4,9	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44091	147	
	0,8 / 5,2	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45228	147	
	1,0 / 6,2	**M6 (3m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	47006	147	
	1,2 / 7,2	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	46685	147	
	1,3 / 8,2	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49876	147	
	1,5 / 9,3	**M5 (2m)**	2,6 / 16	8,7 / 54	2657 / 2691	**54,35**	**VR473.1K-E160MUE**	50346	227	
	1,7 / 10,7	**M5 (2m)**	2,6 / 16	10 / 62	2320 / 2350	**47,37**	**VR473.1K-E160MUE**	49917	227	
	2,0 / 12,2	**M5 (2m)**	2,6 / 16	11,4 / 70	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	50379	227	
	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,6 / 3,5	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,6 / 3,9	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,8 / 4,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	70751	221	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	1,2 / 7,3	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	1,4 / 8,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	78210	305	
	1,9 / 11,9	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	78483	305	
	2,2 / 13,5	**M7 (4m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78953	305	
Ø230	0,6 / 3,8	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	0,7 / 4,3	**M6 (3m)**	1,6 / 9,5	3,9 / 24	3656 / 3557	**121,49**	**VR473.1K-E132MUE**	44393	147	
	0,8 / 5,2	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44091	147	
	0,9 / 5,5	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	45228	147	
	1,1 / 6,5	**M5 (2m)**	1,6 / 9,5	5,8 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	49870	147	
	1,2 / 7,5	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	49343	147	
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,6 / 3,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,7 / 4,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,8 / 4,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	70751	221	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,1 / 6,8	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	1,2 / 7,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	1,5 / 9,0	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	1,7 / 10,2	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	78210	305	
	2,0 / 12,4	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	78483	305	
	2,3 / 14,1	**M7 (4m)**	2,6 / 16	12 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78953	305	
Ø240	0,6 / 3,9	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	43107	122	332
	0,7 / 4,5	**M5 (2m)**	1,6 / 9,5	3,9 / 24	3656 / 3557	**121,49**	**VR473.1K-E132MUE**	44393	147	
	0,9 / 5,4	**M5 (2m)**	1,6 / 9,5	4,6 / 29	3063 / 2982	**101,48**	**VR473.1K-E132MUE**	44091	147	
	0,9 / 5,7	**M5 (2m)**	1,6 / 9,5	4,9 / 30	2897 / 2820	**95,87**	**VR473.1K-E132MUE**	48582	147	
	1,1 / 6,8	**M5 (2m)**	1,6 / 9,5	5,8 / 36	2445 / 2380	**81,00**	**VR473.1K-E132MUE**	48736	147	
	1,3 / 7,8	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2113 / 2062	**70,59**	**VR473.1K-E132MUE**	49343	147	
	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	57307	196	333
	0,6 / 3,8	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	63777	196	
	0,7 / 4,3	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 /1922	**126,81**	**VR573.1K-E112MUE**	67824	196	
	0,8 / 5,1	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3247 / 3158	**107,18**	**VR573.1K-E132MUE**	70751	221	
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	72098	221	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	74293	221	
	1,3 / 8,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	76120	221	
	1,5 / 9,4	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	76851	221	
	1,7 / 10,6	**M8 (5m)**	2,6 / 16	9,1 / 56	2549 / 2582	**51,97**	**VR573.1K-E160MUE**	78210	305	
	2,1 / 13	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	78483	305	

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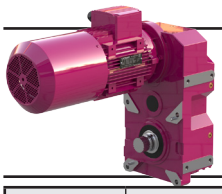
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	1,2 / 7,6	**M5 (2m)**	2,6 / 16	2,9 / 18	8015 / 7972	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	1,4 / 8,7	**M5 (2m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160MUE**	79943	305	
	1,6 / 9,8	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	93430	305	
	0,9 / 5,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,1 / 6,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,2 / 7,7	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	1,7 / 10,4	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø280	1,3 / 7,9	**M5 (2m)**	2,6 / 16	2,9 / 18	8015 / 7972	**163,77**	**VR573.1K-E160MUE**	57307	305	333
	1,4 / 9,0	**M5 (2m)**	2,6 / 16	3,3 / 20	7030 / 6995	**143,35**	**VR573.1K-E160MUE**	63777	305	
	1,6 / 10,2	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	68331	305	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,1 / 6,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	1,3 / 8,0	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	1,5 / 9,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	1,7 / 10,8	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø290	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	98044	323	
	1,3 / 8,3	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	102235	405	
	1,5 / 9,9	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	105846	405	
	1,7 / 11,1	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	108469	405	
Ø300	1,0 / 6,5	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	1,2 / 7,3	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	98044	405	
	1,4 / 8,6	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	102235	405	
	1,6 / 10,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	105846	405	
	1,8 / 11,5	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	108469	405	
Ø320	1,1 / 6,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	1,3 / 7,8	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	1,5 / 9,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	97121	405	
	1,8 / 11	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
Ø340	1,2 / 7,3	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	1,3 / 8,2	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	1,6 / 9,7	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	97121	405	
	1,7 / 10,5	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160MUE**	139869	515	335
Ø360	1,3 / 7,8	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	90839	405	
	1,6 / 10,3	**M7 (4m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	97121	405	
	1,6 / 10	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160MUE**	124890	515	335
	1,8 / 11,1	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160MUE**	131847	515	
Ø380	1,3 / 8,2	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	1,5 / 9,2	**M7 (4m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	90839	405	
	1,7 / 10,8	**M7 (4m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	97121	405	
	1,2 / 7,5	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160MUE**	103429	515	335
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160MUE**	117498	515	
	1,7 / 10,5	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160MUE**	124890	515	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**

**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*

*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

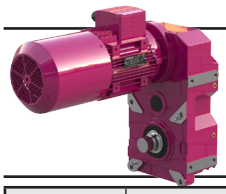


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø170	0,5 / 2,8	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	0,5 / 3,2	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	0,6 / 3,8	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	44588	147	
	0,7 / 4,1	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	45705	147	
	0,8 / 4,8	**M6 (3m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44842	147	
	0,9 / 5,5	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	1,0 / 6,3	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	1,2 / 7,2	**M5 (2m)**	2,6 / 16	8,7 / 54	2686 / 2681	**54,35**	**VR473.1K-E160MUE**	49658	227	
	1,3 / 8,3	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	50156	227	
	1,5 / 9,4	**M5 (2m)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48726	227	
	0,4 / 2,4	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,4 / 2,7	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	0,7 / 4,4	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,2 / 7,5	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	75965	305	
	1,5 / 9,2	**M8 (5m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
	1,7 / 10,4	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø180	0,5 / 3,0	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	0,5 / 3,4	**M6 (3m)**	0,8 / 4,9	3,9 / 24	1828 / 1834	**121,49**	**VR473.1K-E112MUE**	43489	122	
	0,7 / 4,1	**M6 (3m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	44588	147	
	0,7 / 4,3	**M6 (3m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	45705	147	
	0,8 / 5,1	**M5 (2m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44842	147	
	1,0 / 5,9	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	1,1 / 6,7	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	1,2 / 7,6	**M5 (2m)**	2,6 / 16	8,7 / 54	2686 / 2681	**54,35**	**VR473.1K-E160MUE**	49658	227	
	1,4 / 8,8	**M5 (2m)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	50156	227	
	1,6 / 10	**M5 (2m)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48726	227	
	0,4 / 2,5	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,7 / 23	1917 / 1922	**126,81**	**VR573.1K-E112MUE**	62417	196	
	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	0,8 / 4,7	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	0,9 / 5,3	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,0 / 6,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,2 / 7,1	**M8 (5m)**	1,6 / 9,5	8,1 / 50	1759 / 1718	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,3 / 8,0	**M8 (5m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	75965	305	
	1,6 / 9,7	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
	1,8 / 11	**M7 (4m)**	2,6 / 16	12,5 / 78	1870 / 1870	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø190	0,5 / 3,1	**M6 (3m)**	0,8 / 4,9	3,4 / 21	2076 / 2082	**138,35**	**VR473.1K-E112MUE**	42061	122	332
	0,6 / 3,6	**M6 (3m)**	1,6 / 9,5	3,9 / 24	3656 / 3557	**121,49**	**VR473.1K-E132MUE**	43489	147	
	0,7 / 4,3	**M5 (2m)**	1,6 / 9,5	4,6 / 29	3031 / 2956	**101,48**	**VR473.1K-E132MUE**	44588	147	
	0,7 / 4,6	**M5 (2m)**	1,6 / 9,5	4,9 / 30	2866 / 2796	**95,87**	**VR473.1K-E132MUE**	45705	147	
	0,9 / 5,4	**M5 (2m)**	1,6 / 9,5	5,9 / 36	2425 / 2366	**81,00**	**VR473.1K-E132MUE**	44842	147	
	1,0 / 6,2	**M5 (2m)**	1,6 / 9,5	6,7 / 41	2117 / 2066	**70,59**	**VR473.1K-E132MUE**	48434	147	
	1,1 / 7,1	**M5 (2m)**	1,6 / 9,5	7,7 / 47	1858 / 1814	**61,85**	**VR473.1K-E132MUE**	49088	147	
	1,3 / 8,1	**M4 (1Am)**	2,6 / 16	8,7 / 54	2686 / 2681	**54,35**	**VR473.1K-E160MUE**	49658	227	
	1,5 / 9,2	**M4 (1Am)**	2,6 / 16	10 / 62	2345 / 2342	**47,37**	**VR473.1K-E160MUE**	50156	227	
	1,7 / 10,5	**M4 (1Am)**	2,6 / 16	11,3 / 71	2058 / 2056	**41,50**	**VR473.1K-E160MUE**	48726	227	
	0,4 / 2,6	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,5 / 3,0	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
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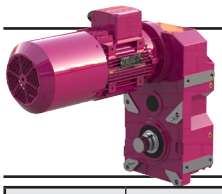


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø190	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2332 / 2276	**69,00**	**VR573.1K-E132MUE**	73289	221	333
	1,0 / 6,3	**M8 (5m)**	1,6 / 9,5	8,1 / 50	2076 / 2026	**58,36**	**VR573.1K-E132MUE**	74537	221	
	1,2 / 7,5	**M8 (5m)**	2,6 / 16	9,1 / 56	2858 / 2893	**51,97**	**VR573.1K-E160MUE**	75965	305	
	1,3 / 8,4	**M7 (4m)**	2,6 / 16	11 / 69	2576 / 2573	**42,62**	**VR573.1K-E160MUE**	77102	305	
	1,6 / 10,3	**M7 (4m)**	2,6 / 16	12,5 / 78	2114 / 2113	**37,64**	**VR573.1K-E160MUE**	78077	305	
Ø200	0,5 / 2,8	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,0 / 5,9	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,1 / 6,7	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,3 / 7,9	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	1,4 / 8,9	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
	1,7 / 10,8	**M7 (4m)**	2,6 / 16	11 / 69	2114 / 2113	**42,62**	**VR573.1K-E160MUE**	77102	305	
Ø210	0,5 / 2,9	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	3,3 / 20	2163 / 2168	**143,35**	**VR573.1K-E112MUE**	57013	196	
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	0,7 / 4,5	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	0,9 / 5,5	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,0 / 6,2	**M8 (5m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,1 / 7,0	**M8 (5m)**	1,6 / 9,5	6,9 / 42	2076 / 2026	**69,00**	**VR573.1K-E132MUE**	73289	221	
	1,3 / 8,3	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	1,5 / 9,3	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
Ø220	0,5 / 3,1	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4326 / 4203	**143,35**	**VR573.1K-E132MUE**	57013	221	
	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	0,8 / 4,7	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	65881	221	
	0,9 / 5,7	**M8 (5m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,1 / 6,5	**M7 (4m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,2 / 7,3	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73289	305	
	1,4 / 8,7	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	74537	305	
	1,6 / 9,8	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
Ø230	0,5 / 3,2	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,6 / 3,7	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4326 / 4203	**143,35**	**VR573.1K-E132MUE**	57013	221	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	0,8 / 4,9	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	1,0 / 6,0	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,1 / 6,8	**M7 (4m)**	1,6 / 9,5	6,1 / 38	2332 / 2276	**77,63**	**VR573.1K-E132MUE**	71280	221	
	1,2 / 7,7	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73289	305	
	1,5 / 9,0	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	75227	305	
	1,6 / 10,2	**M7 (4m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	
Ø240	0,5 / 3,3	**M8 (5m)**	0,8 / 4,9	2,9 / 18	2466 / 2471	**163,77**	**VR573.1K-E112MUE**	49475	196	333
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	3,3 / 20	4326 / 4203	**143,35**	**VR573.1K-E132MUE**	57013	221	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	3,7 / 23	3834 / 3726	**126,81**	**VR573.1K-E132MUE**	62417	221	
	0,8 / 5,1	**M8 (5m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66759	221	
	1,0 / 6,3	**M7 (4m)**	1,6 / 9,5	5,4 / 33	2637 / 2572	**87,90**	**VR573.1K-E132MUE**	68858	221	
	1,2 / 7,1	**M7 (4m)**	2,6 / 16	6,1 / 38	3790 / 3833	**77,63**	**VR573.1K-E160MUE**	71280	305	
	1,3 / 8,0	**M7 (4m)**	2,6 / 16	6,9 / 42	3373 / 3413	**69,00**	**VR573.1K-E160MUE**	73289	305	
	1,5 / 9,4	**M7 (4m)**	2,6 / 16	8,1 / 50	2858 / 2893	**58,36**	**VR573.1K-E160MUE**	75227	305	
	1,7 / 10,6	**M6 (3m)**	2,6 / 16	9,1 / 56	2576 / 2573	**51,97**	**VR573.1K-E160MUE**	76590	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

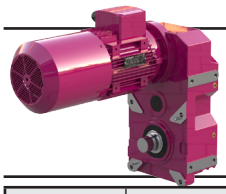


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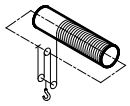
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	1,0 / 6,0 1,1 / 6,8 1,3 / 8,0	**M8 (5m)** **M8 (5m)** **M7 (4m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15 2,9 / 18	10487 / 10384 9346 / 9256 7987 / 7912	**213,15** **189,61** **161,66**	**VR673.1K-E160MUE** **VR673.1K-E160MUE** **VR673.1K-E160MUE**	78550 90757 97049	405 405 405	334
	1,2 / 7,7 1,4 / 8,7	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,8 / 18 3,2 / 20	8192 / 8171 7338 / 7322	**166,50** **148,95**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	131759 135735	515 515	335
Ø300	1,0 / 6,5 1,2 / 7,3 1,4 / 8,6	**M7 (4m)** **M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15 2,9 / 18	10487 / 10384 9346 / 9256 7987 / 7912	**213,15** **189,61** **161,66**	**VR673.1K-E160MUE** **VR673.1K-E160MUE** **VR673.1K-E160MUE**	78550 90757 97049	405 405 405	334
	1,0 / 5,9 1,1 / 6,9 1,3 / 8,3	**M8 (5m)** **M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15 2,8 / 18	11355 / 11468 9842 / 9808 8192 / 8171	**233,77** **200,14** **166,50**	**VR773.1K-E160MUE** **VR773.1K-E160MUE** **VR773.1K-E160MUE**	117255 125257 129558	515 515 515	335
Ø320	1,1 / 6,9 1,2 / 7,8	**M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10487 / 10384 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	80308 90757	405 405	334
	1,0 / 6,3 1,2 / 7,4 1,4 / 8,9	**M8 (5m)** **M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15 2,8 / 18	11355 / 11468 9842 / 9808 8192 / 8171	**233,77** **200,14** **166,50**	**VR773.1K-E160MUE** **VR773.1K-E160MUE** **VR773.1K-E160MUE**	103429 117498 124799	515 515 515	335
Ø340	1,2 / 7,4 1,3 / 8,3	**M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10487 / 10419 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	80308 90757	405 405	334
	1,1 / 6,7 1,3 / 7,8	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11355 / 11468 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	103429 117498	515 515	335
Ø360	1,2 / 7,8 1,4 / 8,7	**M7 (4m)** **M6 (3m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10377 / 10419 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	97718 105634	405 405	334
	1,1 / 7,1 1,3 / 8,3	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11355 / 11468 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	103429 117498	515 515	335
Ø380	1,3 / 8,2	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10387	**213,15**	**VR673.1K-E160MUE**	97718	405	334
	1,2 / 7,5 1,4 / 8,7	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11355 / 11468 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	103429 117498	515 515	335
Ø400	1,4 / 8,6	**M6 (3m)**	2,6 / 16	2,2 / 14	10484 / 10384	**213,15**	**VR673.1K-E160MUE**	97718	405	334
	1,3 / 7,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160MUE**	103429	515	335
Ø420	1,3 / 8,3	**M8 (5m)**	2,6 / 16	2,2 / 14	11355 / 11468	**213,15**	**VR773.1K-E160MUE**	105413	515	335

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



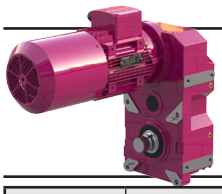
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø230	0,5 / 3,2	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	49475	221	333
	0,6 / 3,7	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	0,7 / 4,2	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	0,8 / 4,9	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	1,0 / 6,0	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75460	305	
	1,1 / 6,8	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	1,2 / 7,7	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	0,4 / 2,5	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	298	334
	0,5 / 2,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,7 / 4,4	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,0 / 6,0	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	1,1 / 7,0	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	1,3 / 8,0	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø240	0,5 / 3,4	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	49475	221	333
	0,6 / 3,8	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	0,7 / 4,3	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	0,8 / 5,1	**M7 (4m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	1,0 / 6,3	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75460	305	
	1,1 / 7,1	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	1,3 / 8,0	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	0,4 / 2,6	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	298	334
	0,5 / 2,9	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,7 / 4,6	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	0,9 / 5,4	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	1,2 / 7,3	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	1,3 / 8,3	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø250	0,6 / 3,5	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	49475	221	333
	0,7 / 4,0	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	57962	221	
	0,7 / 4,5	**M7 (4m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	63302	221	
	0,9 / 5,4	**M6 (3m)**	1,6 / 9,5	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E132MUE**	66656	221	
	1,0 / 6,6	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75460	305	
	1,2 / 7,4	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	1,3 / 8,3	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	79549	305	
	0,4 / 2,7	**M8 (5m)**	0,8 / 4,9	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E112MUE**	77311	298	334
	0,5 / 3,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,8 / 4,8	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	0,9 / 5,6	**M8 (5m)**	1,6 / 9,5	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E132MUE**	106685	323	
	1,1 / 6,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	1,2 / 7,6	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
	1,4 / 8,7	**M8 (5m)**	2,6 / 16	7,1 / 44	3318 / 3288	**66,59**	**VR673.1K-E160MUE**	113286	405	
Ø260	0,6 / 3,6	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	57307	221	333
	0,7 / 4,2	**M7 (4m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	63777	221	
	0,8 / 4,7	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	67824	221	
	0,9 / 5,6	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	70751	305	
	1,1 / 6,8	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	72098	305	
	1,2 / 7,7	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	74293	305	
	1,4 / 8,7	**M6 (3m)**	2,6 / 16	6,8 / 43	3409 / 3401	**69,00**	**VR573.1K-E160MUE**	76120	305	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

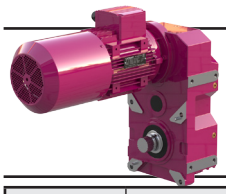


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø260	0,5 / 2,8	**M8 (5m)**	1,6 / 9,5	2,2 / 14	3227 / 3218	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	0,5 / 3,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,6 / 3,7	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	94570	323	
	0,7 / 4,4	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	0,9 / 5,8	**M8 (5m)**	2,6 / 16	4,7 / 29	3080 / 2985	**102,10**	**VR673.1K-E160MUE**	106685	405	
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	108937	405	
	1,3 / 7,9	**M8 (5m)**	2,6 / 16	6,2 / 39	3789 / 3754	**76,17**	**VR673.1K-E160MUE**	111665	405	
Ø270	0,6 / 3,8	**M7 (4m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	50607	221	333
	0,7 / 4,3	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	0,8 / 4,9	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	0,9 / 5,8	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	74078	305	
	1,1 / 7,1	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	76433	305	
	1,3 / 8,0	**M6 (3m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	78121	305	
	0,5 / 2,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	0,7 / 4,6	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,8 / 5,2	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,0 / 6,1	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	1,1 / 7,1	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	
	1,3 / 8,2	**M8 (5m)**	2,6 / 16	8,0 / 50	3789 / 3754	**58,54**	**VR673.1K-E160MUE**	111665	405	
Ø280	0,6 / 3,9	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	60054	221	333
	0,7 / 4,5	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	66441	221	
	0,8 / 5,1	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	70911	221	
	1,0 / 6,0	**M6 (3m)**	2,6 / 16	4,4 / 27	3213 / 3131	**107,18**	**VR573.1K-E160MUE**	73522	305	
	1,2 / 7,3	**M6 (3m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	75389	305	
	1,3 / 8,3	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	83835	305	
	0,5 / 3,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,6 / 4,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	0,8 / 4,8	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,4	**M8 (5m)**	1,6 / 9,5	4,0 / 24	3616 / 3505	**119,86**	**VR673.1K-E132MUE**	104020	323	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	1,2 / 7,4	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	
	1,4 / 8,5	**M8 (5m)**	2,6 / 16	8,0 / 50	3789 / 3754	**58,54**	**VR673.1K-E160MUE**	111665	405	
Ø290	0,7 / 4,1	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61671	221	333
	0,8 / 4,6	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	0,9 / 5,3	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	
	1,0 / 6,2	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E132MUE**	74078	221	
	1,2 / 7,6	**M5 (2m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	83610	305	
	1,4 / 8,6	**M5 (2m)**	2,6 / 16	6,1 / 38	3830 / 3820	**77,63**	**VR573.1K-E160MUE**	84562	305	
	0,5 / 3,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	0,8 / 5,0	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,6	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160MUE**	104020	405	
	1,1 / 6,5	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	1,2 / 7,6	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	
	1,4 / 8,8	**M8 (5m)**	2,6 / 16	8,0 / 50	3789 / 3754	**58,54**	**VR673.1K-E160MUE**	111665	405	
Ø300	0,7 / 4,2	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61671	221	333
	0,8 / 4,8	**M6 (3m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	67540	221	
	0,9 / 5,4	**M6 (3m)**	1,6 / 9,5	3,7 / 23	3793 / 3694	**126,81**	**VR573.1K-E132MUE**	71717	221	

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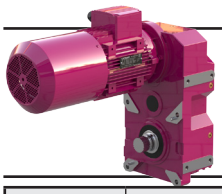


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	1,0 / 6,4	**M6 (3m)**	2,6 / 16	4,4 / 27	5221 / 5273	**107,18**	**VR573.1K-E160MUE**	74078	305	333
	1,3 / 7,9	**M5 (2m)**	2,6 / 16	5,4 / 33	4331 / 4317	**87,90**	**VR573.1K-E160MUE**	83610	305	
	0,5 / 3,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6454 / 6240	**213,15**	**VR673.1K-E132MUE**	77311	323	334
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	87982	323	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95759	323	
	0,8 / 5,1	**M8 (5m)**	1,6 / 9,5	3,5 / 22	4052 / 3927	**134,51**	**VR673.1K-E132MUE**	99797	323	
	0,9 / 5,7	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160MUE**	104020	405	
	1,1 / 6,7	**M8 (5m)**	2,6 / 16	4,7 / 29	5005 / 5028	**102,10**	**VR673.1K-E160MUE**	106685	405	
	1,3 / 7,9	**M8 (5m)**	2,6 / 16	5,4 / 33	4357 / 4318	**87,77**	**VR673.1K-E160MUE**	109863	405	

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

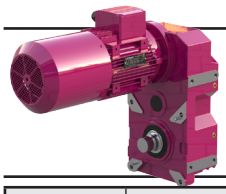


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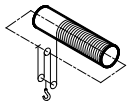
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	1,0 / 6,5	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	97608	405	334
	0,9 / 5,9 1,1 / 6,9	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11475 / 11428 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	105294 117394	515 515	335
Ø320	1,1 / 6,9	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	97608	405	334
	0,9 / 6,3	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	105294	515	335
Ø340	1,1 / 6,7	**M8 (5m)**	2,6 / 16	2,2 / 14	11475 / 11428	**213,15**	**VR773.1K-E160MUE**	97608	515	335
Ø360	1,1 / 7,1	**M8 (5m)**	2,6 / 16	2,2 / 14	11475 / 11428	**213,15**	**VR773.1K-E160MUE**	97608	515	335

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*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



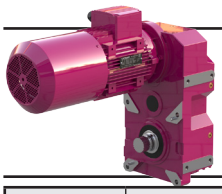
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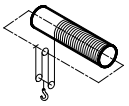
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	0,6 / 3,8	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	333
	0,7 / 4,3	**M5 (2m)**	1,6 / 9,5	3,3 / 20	4280 / 4167	**143,35**	**VR573.1K-E132MUE**	78608	221	
	0,8 / 4,9	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	0,9 / 5,8	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	0,5 / 2,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,7 / 4,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	0,8 / 5,2	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	104020	405	
	1,0 / 6,1	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø280	0,6 / 3,9	**M6 (3m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	61499	221	333
	0,7 / 4,5	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	0,8 / 5,1	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6201	**126,81**	**VR573.1K-E160MUE**	81163	305	
	1,0 / 6,0	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	0,5 / 3,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 4,0	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	0,9 / 5,4	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105234	405	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø290	0,7 / 4,1	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	0,8 / 4,6	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	0,8 / 5,3	**M5 (2m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160MUE**	82470	305	
	1,0 / 6,2	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	0,5 / 3,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,8 / 5,0	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	0,9 / 5,6	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160MUE**	105234	405	
	1,0 / 6,5	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø300	0,7 / 4,2	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	0,8 / 4,8	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	0,9 / 5,5	**M5 (2m)**	2,6 / 16	3,7 / 23	6164 / 6222	**126,81**	**VR573.1K-E160MUE**	82470	305	
	1,0 / 6,4	**M5 (2m)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	0,5 / 3,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,3	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,8 / 5,1	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	0,9 / 5,8	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160MUE**	105234	405	
	1,1 / 6,8	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	
Ø310	0,7 / 4,3	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	0,8 / 5,0	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	0,9 / 5,6	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6222	**126,81**	**VR573.1K-E160MUE**	82470	305	
	1,1 / 6,7	**M4 (1Am)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,8	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,4	**M8 (5m)**	1,6 / 9,5	2,9 / 18	4863 / 4714	**161,66**	**VR673.1K-E132MUE**	95588	323	
	0,9 / 5,3	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	99797	405	
	1,0 / 6,0	**M8 (5m)**	2,6 / 16	4,0 / 24	5876 / 5904	**119,86**	**VR673.1K-E160MUE**	105234	405	
	1,1 / 7,0	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	107690	405	

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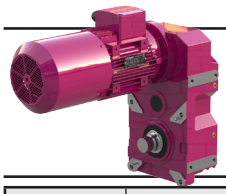
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø320	0,7 / 4,5	**M5 (2m)**	1,6 / 9,5	2,9 / 18	4880 / 4749	**163,77**	**VR573.1K-E132MUE**	74843	221	333
	0,8 / 5,1	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	0,9 / 5,8	**M5 (2m)**	2,6 / 16	3,7 / 23	6230 / 6222	**126,81**	**VR573.1K-E160MUE**	82470	305	
	1,1 / 6,9	**M4 (1Am)**	2,6 / 16	4,4 / 27	5276 / 5255	**107,18**	**VR573.1K-E160MUE**	83350	305	
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	0,6 / 3,9	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	96820	323	
	0,7 / 4,5	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	102235	405	
	0,9 / 5,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	104756	405	
	1,0 / 6,2	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	108469	405	
	1,2 / 7,2	**M8 (5m)**	2,6 / 16	4,6 / 29	5058 / 5011	**102,10**	**VR673.1K-E160MUE**	109652	405	
Ø330	0,8 / 4,6	**M5 (2m)**	2,6 / 16	2,9 / 18	7931 / 7999	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	0,9 / 5,3	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	1,0 / 6,0	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6222	**126,81**	**VR573.1K-E160MUE**	82470	305	
	0,6 / 3,6	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	0,6 / 4,0	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	96820	323	
	0,8 / 4,7	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E160MUE**	102235	405	
	0,9 / 5,7	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	104756	405	
	1,0 / 6,3	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	108469	405	
Ø340	0,8 / 4,8	**M5 (2m)**	2,6 / 16	2,9 / 18	7931 / 7999	**163,77**	**VR573.1K-E160MUE**	74843	305	333
	0,9 / 5,4	**M5 (2m)**	2,6 / 16	3,3 / 20	6956 / 7018	**143,35**	**VR573.1K-E160MUE**	78608	305	
	1,0 / 6,2	**M4 (1Am)**	2,6 / 16	3,7 / 23	6230 / 6222	**126,81**	**VR573.1K-E160MUE**	82470	305	
	0,6 / 3,7	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	89277	323	334
	0,7 / 4,1	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	96820	323	
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	2,9 / 18	7903 / 7939	**161,66**	**VR673.1K-E132MUE**	102235	323	
	0,9 / 5,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	104756	405	
	1,0 / 6,5	**M8 (5m)**	2,6 / 16	4,0 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	108469	405	

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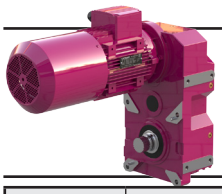


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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø270	0,5 / 2,9	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,5 / 3,3	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 3,8	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	0,7 / 4,6	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	0,8 / 5,2	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø280	0,5 / 3,0	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,6 / 4,0	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	0,9 / 5,4	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø290	0,5 / 3,1	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,5	**M8 (5m)**	1,6 / 9,5	2,5 / 15	5691 / 5514	**189,61**	**VR673.1K-E132MUE**	89141	323	
	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	95588	405	
	0,8 / 5,0	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
	0,9 / 5,6	**M8 (5m)**	2,6 / 16	3,9 / 24	5939 / 5884	**119,86**	**VR673.1K-E160MUE**	105176	405	
Ø300	0,5 / 3,2	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,6	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	0,7 / 4,3	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
	0,8 / 5,1	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
Ø320	0,6 / 3,4	**M8 (5m)**	1,6 / 9,5	2,2 / 14	6386 / 6186	**213,15**	**VR673.1K-E132MUE**	78550	323	334
	0,6 / 3,9	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	0,7 / 4,6	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
	0,9 / 5,5	**M8 (5m)**	2,6 / 16	3,5 / 22	6654 / 6592	**134,51**	**VR673.1K-E160MUE**	101064	405	
Ø340	0,6 / 3,7	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	0,8 / 4,8	**M8 (5m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
	0,8 / 5,3	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160MUE**	139869	515	335
Ø360	0,6 / 3,9	**M8 (5m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	0,7 / 4,4	**M7 (4m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	0,8 / 5,1	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
	0,6 / 3,5	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160MUE**	114944	515	335
	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160MUE**	122614	515	
	0,8 / 5,0	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160MUE**	129558	515	
	0,9 / 5,6	**M8 (5m)**	2,6 / 16	3,2 / 20	7338 / 7322	**148,95**	**VR773.1K-E160MUE**	132294	515	
Ø380	0,7 / 4,1	**M7 (4m)**	2,6 / 16	2,2 / 14	10377 / 10419	**213,15**	**VR673.1K-E160MUE**	78550	405	334
	0,7 / 4,6	**M7 (4m)**	2,6 / 16	2,5 / 15	9248 / 9287	**189,61**	**VR673.1K-E160MUE**	89141	405	
	0,9 / 5,4	**M7 (4m)**	2,6 / 16	2,9 / 18	7987 / 7912	**161,66**	**VR673.1K-E160MUE**	97121	405	
	0,6 / 3,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11355 / 11468	**233,77**	**VR773.1K-E160MUE**	114944	515	335
	0,7 / 4,4	**M8 (5m)**	2,6 / 16	2,4 / 15	9738 / 9842	**200,14**	**VR773.1K-E160MUE**	122614	515	
	0,8 / 5,3	**M8 (5m)**	2,6 / 16	2,8 / 18	8192 / 8171	**166,50**	**VR773.1K-E160MUE**	129558	515	

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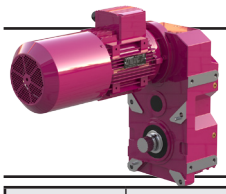


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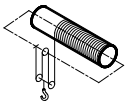
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Tambur Çapı *Drum Diameter* Trommel-durchmeßer D_T [mm]	Kaldırma Hızı *Lifting Speed* Hubgesch-windigkeit V_h [m/min]	Vinç* Sınıfı *Crane* Class* Kranklasse* ISO (FEM)	Motor Gücü *Power* Leistung [kW]	Çıkış Devri *Output Speeds* Abtriebs-drehzahlen n_2 [r.p.m]	Çıkış Momenti *Output Torque* Abtriebs-drehmomente M_2 [Nm]	Çevrim Oranı *Ratio* Übersetzung i	Tipi *Type* Typ	Güv. Rad.Yük Çıkış *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) F_{qam} [N]	Ağırlık *Weight* Gewicht ~ [kg]	Ölçü Sayfası *Dim. Page* Maße Seite
Ø280	0,5 / 3,0 0,5 / 3,4 0,6 / 4,0	**M8 (5m)** **M8 (5m)** **M7 (4m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15 2,9 / 18	10487 / 10384 9346 / 9256 7987 / 7912	**213,15** **189,61** **161,66**	**VR673.1K-E160MUE** **VR673.1K-E160MUE** **VR673.1K-E160MUE**	89277 98044 103282	405 405 405	334
	0,6 / 3,9 0,7 / 4,3	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,8 / 18 3,2 / 20	8192 / 8171 7338 / 7322	**166,50** **148,95**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	131759 135735	515 515	335
Ø300	0,5 / 3,2 0,6 / 3,6 0,7 / 4,3	**M7 (4m)** **M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15 2,9 / 18	10487 / 10384 9346 / 9256 7987 / 7912	**213,15** **189,61** **161,66**	**VR673.1K-E160MUE** **VR673.1K-E160MUE** **VR673.1K-E160MUE**	89277 98044 102235	405 405 405	334
	0,5 / 3,0 0,6 / 3,5 0,7 / 4,2	**M8 (5m)** **M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15 2,8 / 18	11475 / 11428 9842 / 9808 8192 / 8171	**233,77** **200,14** **166,50**	**VR773.1K-E160MUE** **VR773.1K-E160MUE** **VR773.1K-E160MUE**	117255 125257 129558	515 515 515	335
Ø320	0,6 / 3,5 0,6 / 3,9	**M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10487 / 10384 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	89277 98044	405 405	334
	0,5 / 3,2 0,6 / 3,7	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11475 / 11428 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	117255 125257	515 515	335
Ø340	0,6 / 3,7 0,7 / 4,1	**M7 (4m)** **M7 (4m)**	2,6 / 16 2,6 / 16	2,2 / 14 2,5 / 15	10487 / 10384 9346 / 9256	**213,15** **189,61**	**VR673.1K-E160MUE** **VR673.1K-E160MUE**	89277 98044	405 405	334
	0,5 / 3,4 0,6 / 3,9	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11475 / 11428 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	117255 125257	515 515	335
Ø360	0,6 / 3,9	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	89277	405	334
	0,6 / 3,5 0,7 / 4,1	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11475 / 11428 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	117255 125257	515 515	335
Ø380	0,7 / 4,1	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	89277	405	334
	0,6 / 3,7	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	117255	515	335
Ø400	0,7 / 4,3	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	89277	405	334
	0,6 / 3,9	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	117255	515	335
Ø420	0,7 / 4,1	**M8 (5m)**	2,6 / 16	2,2 / 14	11475 / 11428	**213,15**	**VR773.1K-E160MUE**	89277	515	335

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.



20 t

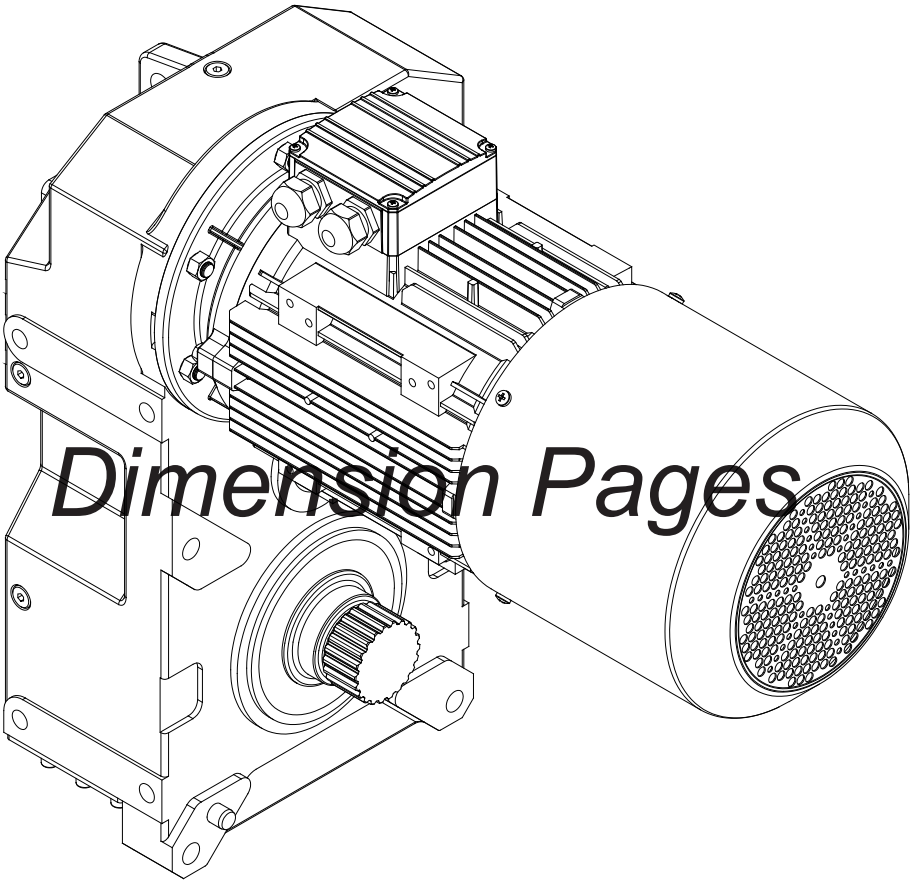


4 / 1

Tambur Çapı *Drum Diameter* Trommel-durchmeßer **D_T [mm]**	**Kaldırma Hızı** *Lifting Speed* Hubgesch-windigkeit **V_h [m/min]**	**Vinç* Sınıfı** *Crane* Class* Kranklasse* **ISO (FEM)**	**Motor Gücü** *Power* Leistung **[kW]**	**Çıkış Devri** *Output Speeds* Abtriebs-drehzahlen **n_2 [r.p.m]**	**Çıkış Momenti** *Output Torque* Abtriebs-drehmomente **M_2 [Nm]**	**Çevrim Oranı** *Ratio* Übersetzung **i**	**Tipi** *Type* Typ	**Güv. Rad.Yük Çıkış** *Per. O.Loads (Output)* Zul.Querkräfte (Abtrieb) **F_{qam} [N]**	**Ağırlık** *Weight* Gewicht ~ **[kg]**	**Ölçü Sayfası** *Dim. Page* Maße Seite
Ø300	0,5 / 3,2	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	89277	405	334
	0,5 / 3,0 0,6 / 3,5	**M8 (5m)** **M8 (5m)**	2,6 / 16 2,6 / 16	2,0 / 13 2,3 / 15	11475 / 11428 9842 / 9808	**233,77** **200,14**	**VR773.1K-E160MUE** **VR773.1K-E160MUE**	105294 117394	515 515	335
Ø320	0,6 / 3,5	**M6 (3m)**	2,6 / 16	2,2 / 14	10487 / 10384	**213,15**	**VR673.1K-E160MUE**	89277	405	334
	0,5 / 3,2	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	105294	515	335
Ø340	0,5 / 3,4	**M8 (5m)**	2,6 / 16	2,0 / 13	11475 / 11428	**233,77**	**VR773.1K-E160MUE**	105294	515	335

***Vinç Sınıfları yalnızca redüktörler için verilmiştir. Redüktör dışındaki diğer aksamları kapsamaz.**
**Crane Classes given only for gearboxes and must be calculated for other crane equipments.*
*Die in den Leistungs- und Drehzahltabellen angegebenen Kranklassen gelten nicht für die anderen Krankomponenten sondern nur für Getriebe.

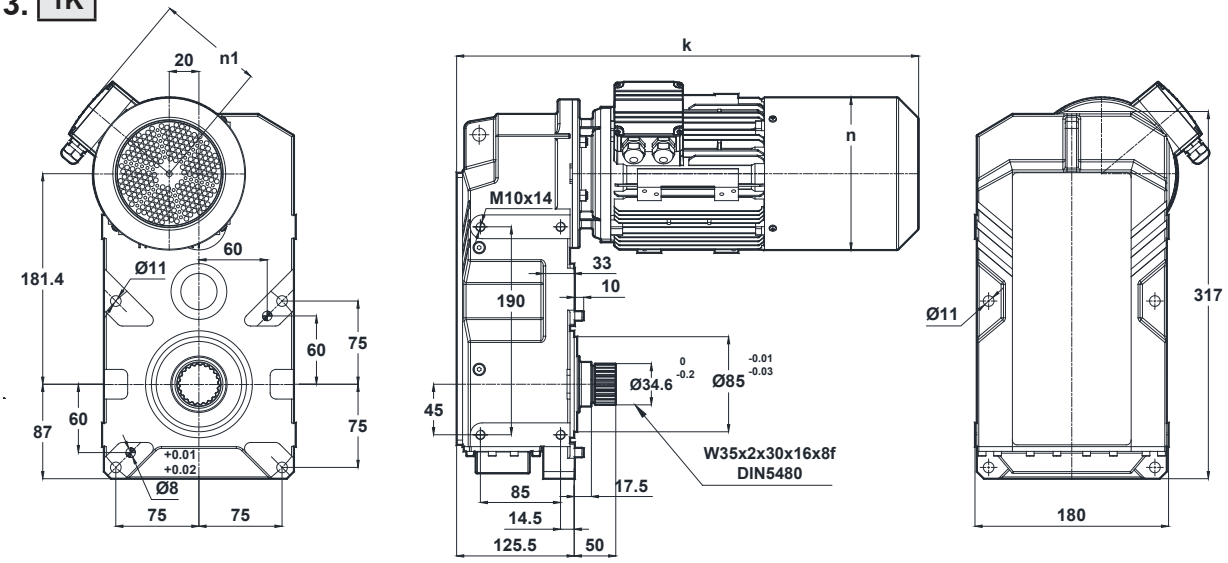
Ölçü Sayfaları



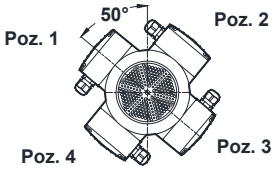
Dimension Pages

Abmessungsseiten

VR273. 1K



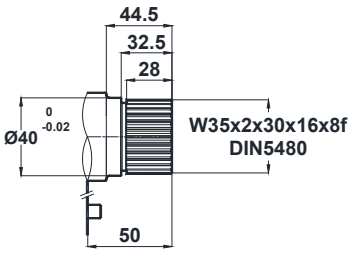
Motor Büyüklüğü / *Motor Size* / Motorbaugroße						
	63	71	80	90S	90L	100L
k	395	442	478	503	503	580
n	119	137	155	176	176	193
n1	101	118	127	136	136	149



63-71-80-90-100
Tip / *Type* / Typ

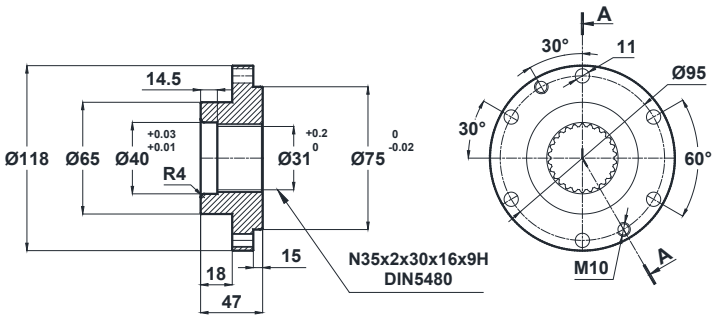
Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

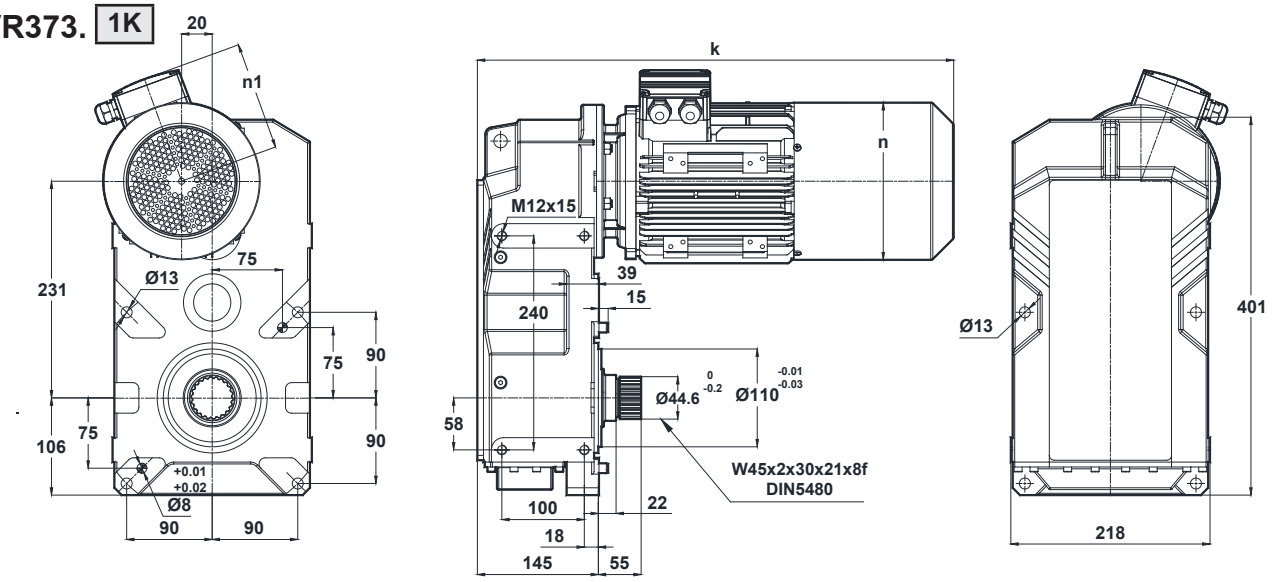


İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehöre

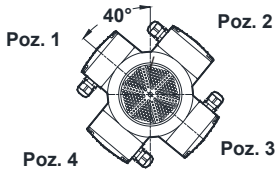
Kod / *Code* / Bezeichnung **: GN25.V27.FK**



VR373. 1K



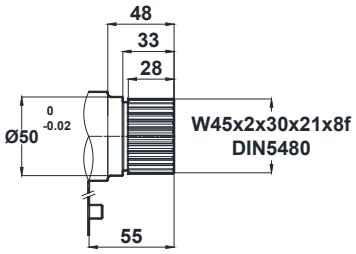
Motor Büyüklüğü / *Motor Size* / Motorbaugroße						
	80	90S	90L	100L	112M	132S
k	492	517	517	594	615	723
n	155	176	176	193	215	257
n1	127	136	136	149	161	182



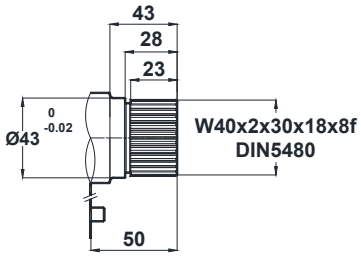
80-90-100-112-132
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

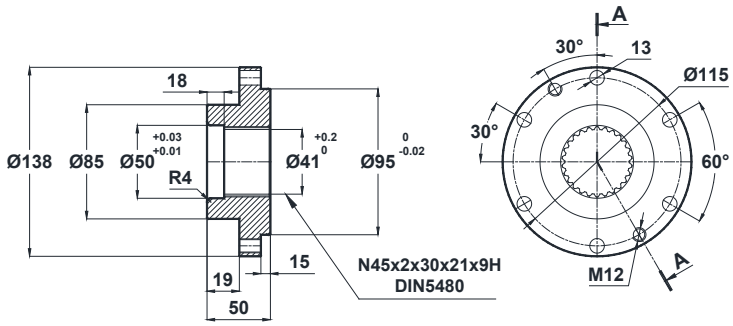


1L **Opsiyonel** / *Optional* / Auswählbar



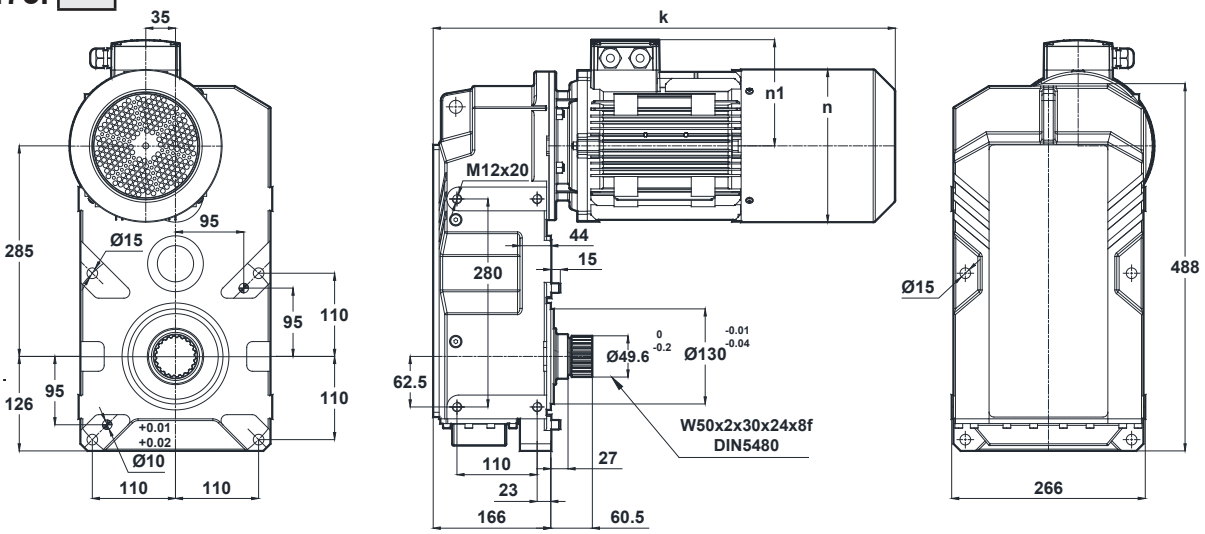
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehöre

Kod / *Code* / Bezeichnung : **GN25.V37.FK**

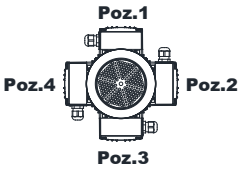


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR473. 1K



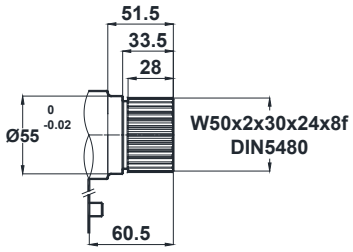
Motor Büyüklüğü / *Motor Size* / Motorbaugroße							
	90S	90L	100L	112M	132S	132M	160M
k	529	529	606	627	739	739	855
n	176	176	193	215	257	257	316
n1	136	136	149	161	182	182	226



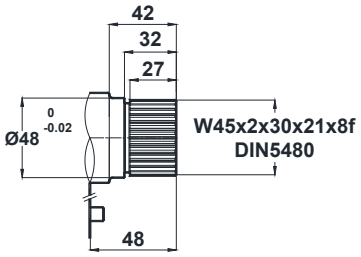
90-100-112-132-160
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

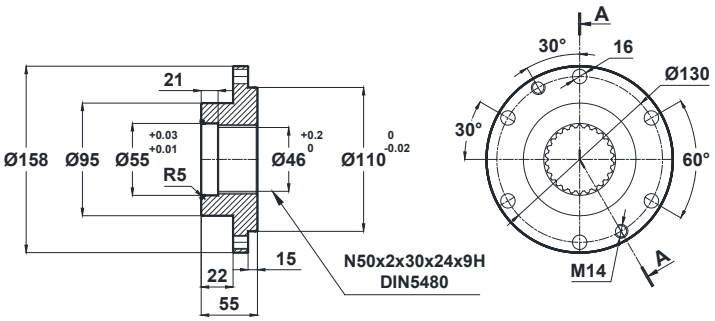


1L **Opsiyonel** / *Optional* / Auswählbar



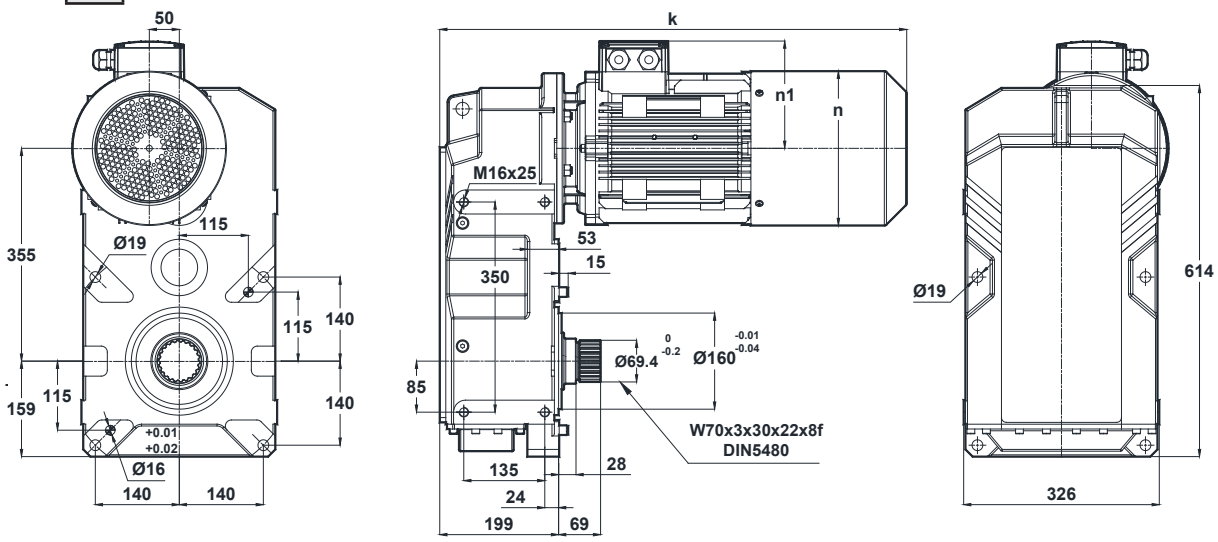
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehöre

Kod / *Code* / Bezeichnung : **GN25.V47.FK**

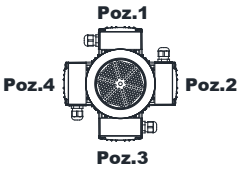


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR573. 1K



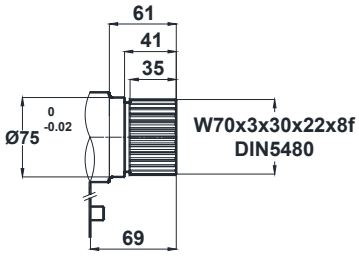
Motor Büyüklüğü / *Motor Size* / Motorbaugroße									
	90L	100L	112M	132S	132M	160M	160L	180M	180L
k	554	628	649	759	759	875	875	984	984
n	176	193	215	257	257	316	316	348	348
n1	136	149	161	182	182	226	226	242	242



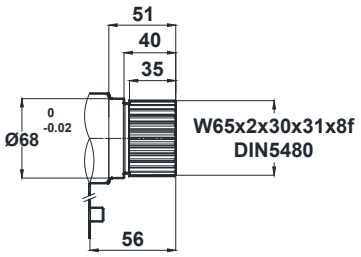
90-100-112-132-160-180
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

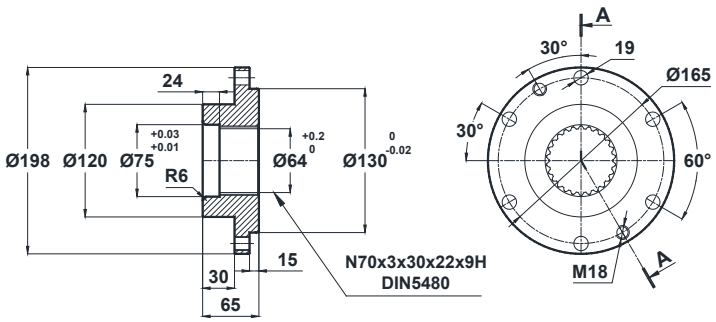


1L **Opsiyonel** / *Optional* / Auswählbar



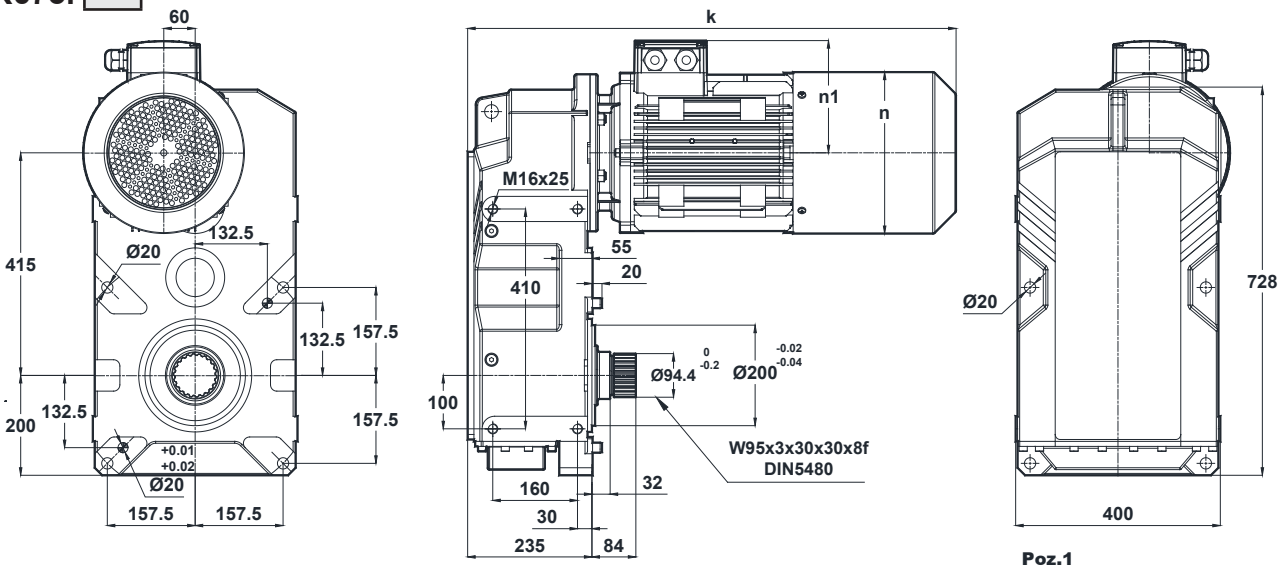
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehöre

Kod / *Code* / Bezeichnung : **GN25.V57.FK**

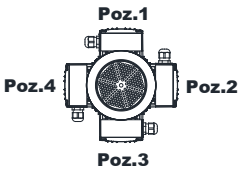


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR673. 1K



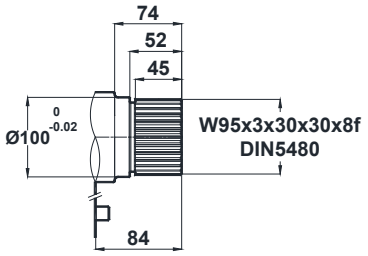
Motor Büyüklüğü / *Motor Size* / Motorbaugroße									
	100L	112M	132S	132M	160M	160L	180M	180L	200L
k	655	676	788	788	904	904	1013	1013	1041
n	193	215	257	257	316	316	348	348	396
n1	149	161	182	182	226	226	242	242	294



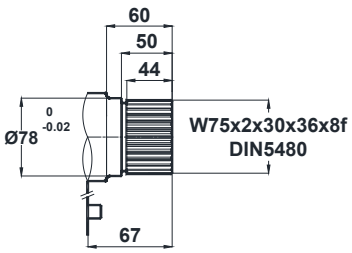
100-112-132-160-180-200
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

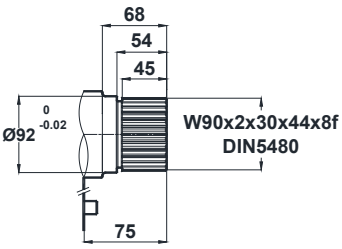
1K **Standart** / *Standard* / Standard



1L **Opsiyonel** / *Optional* / Auswählbar

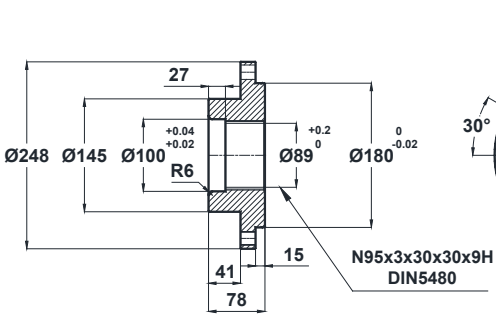


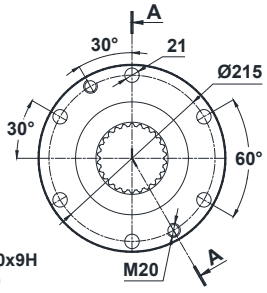
1M **Opsiyonel** / *Optional* / Auswählbar



İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehör

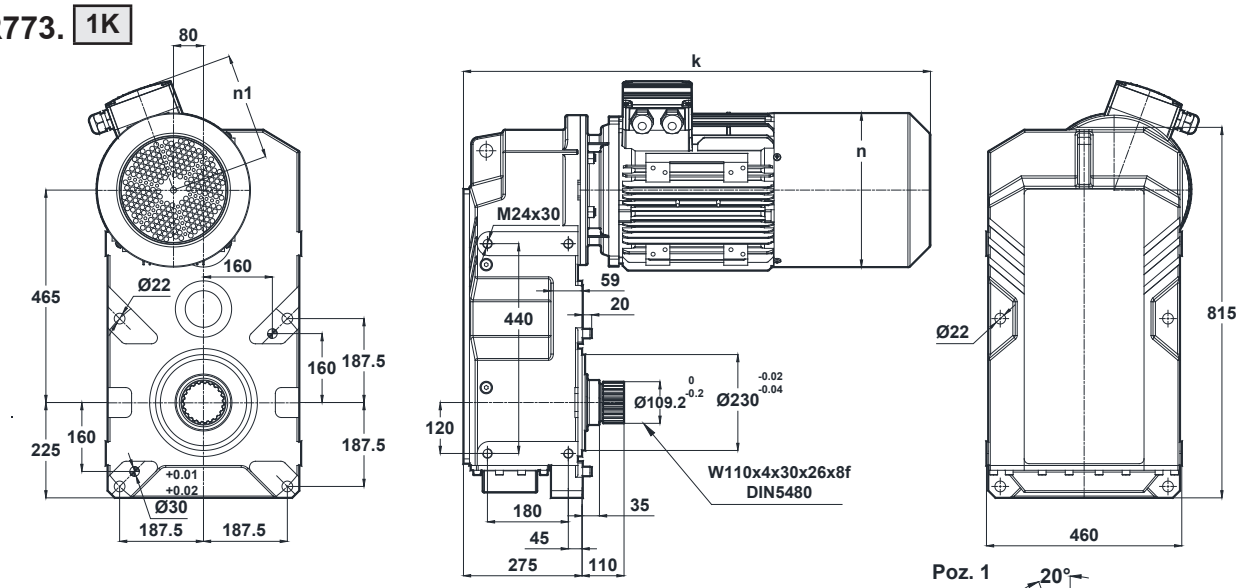
Kod / *Code* / Bezeichnung : **GN25.V67.FK**





Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

VR773. 1K

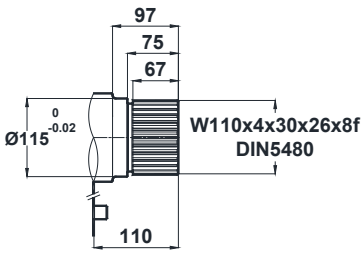


Motor Büyüklüğü / *Motor Size* / Motorbaugroße									
	132S	132M	160M	160L	180M	180L	200L	225S	225M
k	821	821	937	937	1046	1046	1074	1143	1143
n	257	257	316	316	348	348	396	438	438
n1	182	182	226	226	242	242	294	311,5	311,5

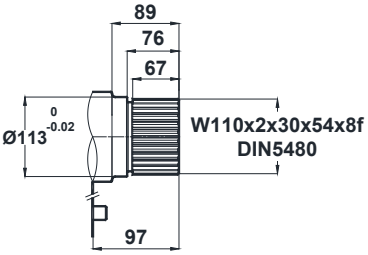
132-160-180-200-225
Tip / *Type* / Typ

Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

1K **Standart** / *Standard* / Standard

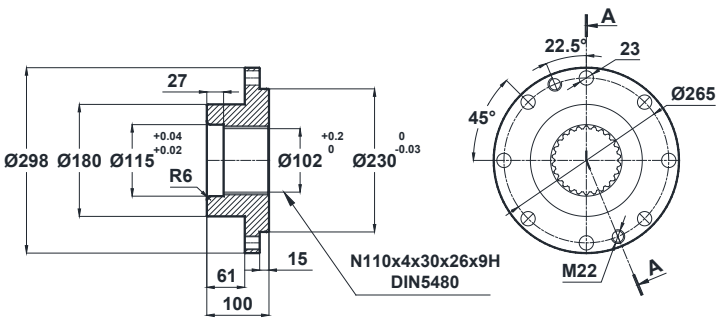


1L **Opsiyonel** / *Optional* / Auswählbar



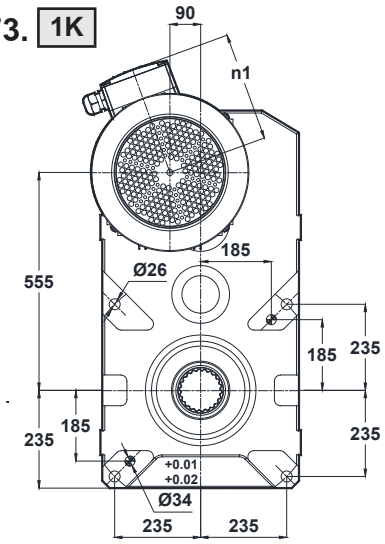
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehör

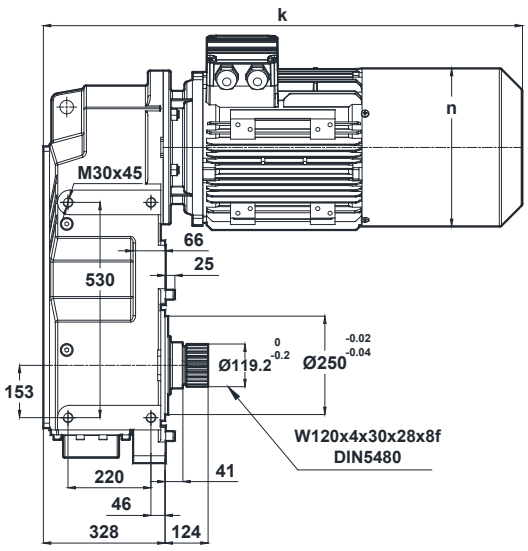
Kod / *Code* / Bezeichnung **: GN25.V77.FK**

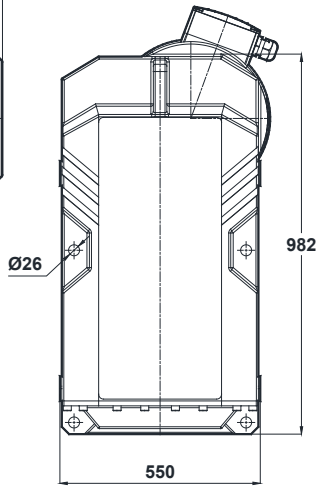


Bu flanş sadece 1K çıkış miline uygun olarak temin edilebilmektedir.
This flange can be ordered only for 1K output shaft types.
Dieser Flansch kann nur bei einer Bestellung von 1K Ausgangswelle erhalten werden.

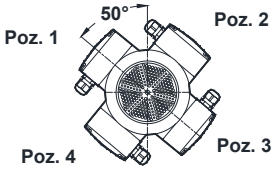
VR873. 1K







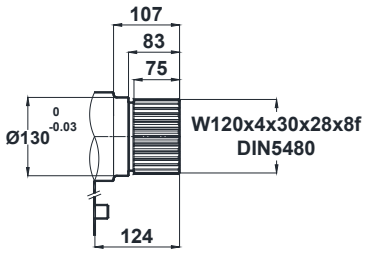
Motor Büyüklüğü / *Motor Size* / Motorbaugroße									
	160M	160L	180M	180L	200L	225S	225M	250M	280S
k	975	975	1084	1084	1141	1201	1201	1259	1393
n	316	316	348	348	396	438	438	481	547
n1	226	226	242	242	294	311,5	311,5	337	402



160-180-200-225-250-280
Tip / *Type* / Typ

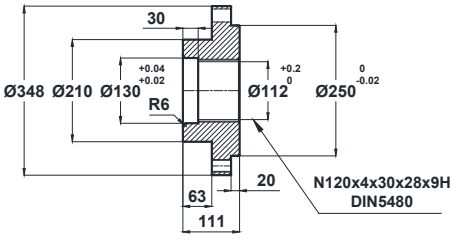
Mil Opsiyonları (DIN 5480) / *Shaft Options (DIN 5480)* / Auswählbare Wellen (DIN 5480)

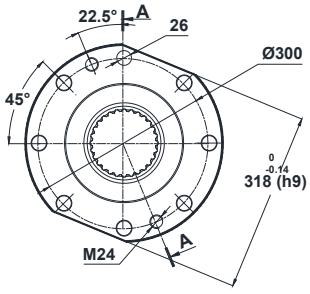
1K **Standart** / *Standard* / Standard



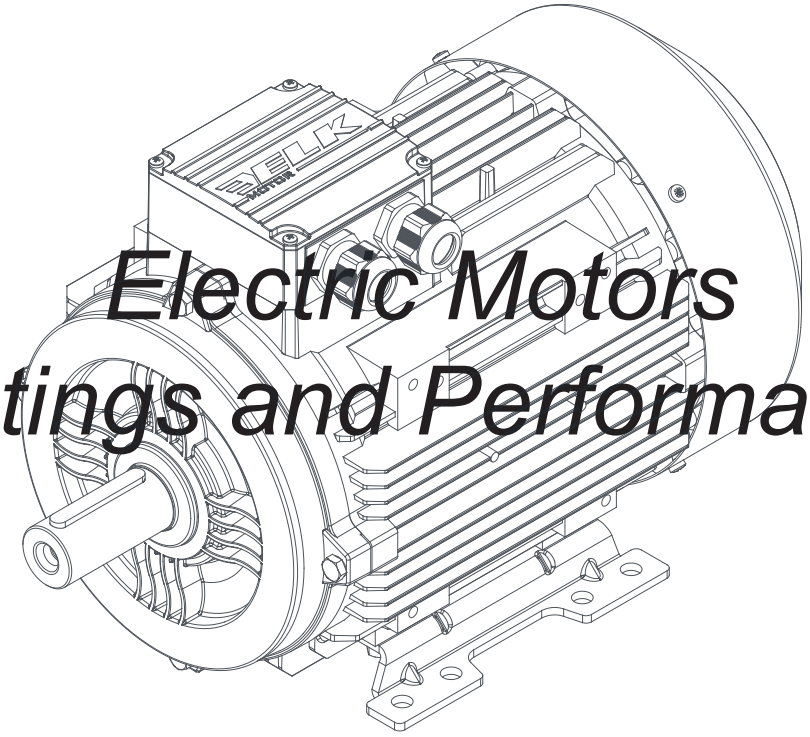
İlave Aksesuarlar / *Additional Accessories* / Zusätzliche Zubehör

Kod / *Code* / Bezeichnung : **GN25.V87.FK**



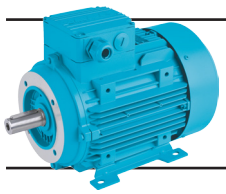


Elektrik Motorlarının Performans Değerleri



Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten

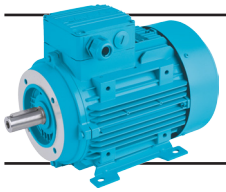


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 3000 d/d / *400V 50Hz 3000 rpm* / 400V 50Hz 3000 UpM

IE4

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
4E71M/2B	0,37	2825	0,83	1,25	0,82	78,1	78,3	76,5	5,7	2,8	3,2	0,00037	6,50	58
4E71M/2C	0,55	2825	1,17	1,86	0,83	81,5	81,9	79,5	6,2	2,9	3,5	0,00046	7,50	58
4E80M/2C	0,75	2875	1,56	2,49	0,83	83,5	84,0	81,0	6,8	2,9	3,5	0,00124	11,0	59
4E80M/2D	1,1	2880	2,19	3,65	0,85	85,2	85,5	84,9	7,5	2,9	3,7	0,00135	12,0	59
4E90S/2C	1,5	2900	2,95	4,94	0,85	86,5	86,9	85,7	7,8	2,9	3,7	0,00221	17,2	64
4E90L/2D	2,2	2900	4,20	7,24	0,86	88,0	88,5	87,6	8,2	3,0	3,8	0,00234	20,0	64
4E100L/2D	3,0	2910	5,50	9,85	0,88	89,1	89,5	88,5	8,5	3,0	4,0	0,00503	25,9	67
4E112M/2D	4,0	2940	7,30	13,0	0,88	90,0	90,3	89,7	8,7	3,0	4,2	0,00734	32,2	70
4E132S/2C	5,5	2945	9,60	17,8	0,91	90,9	90,9	90,0	8,9	3,2	4,2	0,02104	52,5	72
4E132S/2D	7,5	2945	13,0	24,5	0,91	91,7	92,2	91,8	8,5	3,2	4,2	0,02290	55,6	72
4E160M/2C	11	2950	18,9	35,6	0,91	92,6	92,7	91,2	8,5	3,3	4,3	0,03913	89,0	74
4E160M/2D	15	2950	25,6	48,6	0,91	93,3	93,6	92,8	8,5	3,3	4,3	0,04409	96,8	74
4E160L/2E	18,5	2955	31,4	59,8	0,91	93,7	93,8	92,9	8,7	3,2	4,3	0,05000	114	74
4E180M/2C	22	2960	37,2	71,1	0,91	94,0	94,4	93,5	8,9	3,0	4,0	0,07000	158	74
4E200L/2C	30	2970	51,0	96,5	0,90	94,5	94,7	94,0	8,3	3,2	3,7	0,17500	215	74
4E200L/2D	37	2970	63,3	120	0,89	94,8	95,0	94,2	8,3	3,2	4,0	0,20000	235	74
4E225M/2D	45	2975	76,0	145	0,90	95,0	95,2	94,9	9,0	3,4	4,2	0,29000	355	74
4E250M/2D	55	2975	92,6	177	0,90	95,3	95,5	94,9	8,2	3,4	3,7	0,52000	445	74
4E280S/2C	75	2982	126	240	0,90	95,6	95,6	95,2	7,7	2,7	3,2	0,98000	620	76
4E280M/2D	90	2985	151	288	0,90	95,8	95,9	95,0	7,7	2,8	3,5	1,10000	640	77
4E315S/2C	110	2985	184	352	0,90	96,0	96,0	95,7	7,8	3,1	4,0	1,60000	1110	77
4E315M/2D	132	2986	220	422	0,90	96,2	96,3	96,0	8,0	3,1	4,0	2,00000	1070	77
4E315L/2E	160	2986	267	512	0,90	96,3	96,5	96,0	8,0	3,2	4,0	2,20000	1230	78
4E315L/2F	200	2987	332	639	0,90	96,5	96,7	96,3	8,1	3,2	4,0	2,70000	1340	78



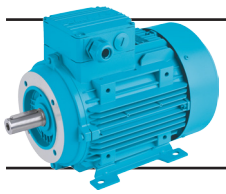
Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 1500 d/d / *400V 50Hz 1500 rpm* / 400V 50Hz 1500 UpM

IE4

Tip / *Type* / Typ	Tam Yük Değerleri / *Full-load Data* / Volllastdaten								Kalkış Değerleri / *Starting Data* / Startdaten		Devrilme Momenti / *Breakdown Torque* / Kippmoment	Atalet Momenti / *Moment of Inertia* / Trägheitsmoment	B3 Motor Ağırlığı / *B3 Motor Weight* / B3 Motor Gewicht	Ses Seviyesi / *Noise Level* / Geräuschpegel
	Güç / *Power* / Leistung	Devir / *Speed* / Drehzahl	Akım / *Current* / Nennstrom	Moment / *Torque* / Drehmoment	Güç Faktörü / *Power Factor* / Leistungsfaktor	Verim % η / *Efficiency % η* / Wirkungsgrad % η			Akım / *Current* / Nennstrom	Moment / *Torque* / Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
4E132S/4D	5,5	1470	11,1	35,7	0,78	91,9	91,8	90,6	7,7	3,8	3,7	0,03418	56,7	61
4E132M/4F*	7,5	1470	14,6	48,7	0,80	92,6	92,7	91,5	7,7	3,8	4,0	0,04316	72,8	62
4E160M/4E	11	1470	21,0	71,5	0,81	93,3	93,5	93,3	7,7	3,0	3,6	0,08600	100	64
4E160L/4F*	15	1475	29,5	97,5	0,79	93,9	94,1	93,4	8,0	3,7	3,9	0,12000	112	64
4E180M/4D	18,5	1475	34,6	120	0,82	94,2	94,4	94,0	8,0	3,1	3,5	0,14700	142	64
4E180L/4E	22	1475	41,0	142	0,82	94,5	94,7	94,2	8,2	3,2	3,8	0,17000	168	64
4E200L/4E	30	1480	53,0	194	0,86	94,9	95,3	95,2	8,3	3,3	3,8	0,35000	235	64
4E225S/4D	37	1480	65,0	239	0,86	95,2	95,7	95,0	8,1	3,3	3,3	0,44100	350	70
4E225M/4E	45	1480	79,2	290	0,86	95,4	95,6	95,6	8,2	3,5	3,3	0,52000	370	70
4E250M/4E	55	1485	94,3	354	0,88	95,7	96,0	96,0	8,5	3,3	3,4	1,05000	490	70
4E280S/4D	75	1487	127	482	0,89	96,0	96,3	96,2	8,7	3,0	3,2	1,50000	670	70
4E280M/4E	90	1488	152	578	0,89	96,1	96,3	96,3	8,9	3,1	3,2	1,95000	720	71
4E315S/4D	110	1491	187	705	0,88	96,3	96,5	96,0	8,9	2,8	3,3	2,80000	1200	73
4E315M/4E	132	1492	225	845	0,88	96,4	96,7	96,2	8,9	2,9	3,3	3,30000	1270	73
4E315L/4F	160	1492	272	1024	0,88	96,6	96,9	96,5	8,9	3,1	3,4	4,40000	1370	76
4E315L/4G	200	1492	339	1280	0,88	96,7	97,0	96,6	8,8	3,3	3,5	5,20000	1520	76

* İşaretli motorlar simetrik gövde yapısına sahip değildir.

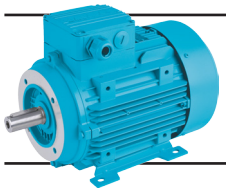


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 3000 d/d / *400V 50Hz 3000 rpm* / 400V 50Hz 3000 UpM

IE3

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmo-ment	Atalet Momenti *Moment of Inertia* Trägheits-moment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräusch-pegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E63M/2A	0,18	2805	0,48	0,61	0,77	70,0	68,5	62,8	4,5	3,0	3,1	0,00012	4,00	51
3E63M/2B	0,25	2805	0,65	0,85	0,79	71,0	69,7	64,2	4,6	3,0	3,1	0,00015	4,20	51
3E71M/2B	0,37	2830	0,84	1,25	0,82	76,6	77,0	75,0	6,0	2,8	3,0	0,00037	6,30	53
3E71M/2C	0,55	2830	1,19	1,86	0,84	79,4	80,2	78,8	6,1	2,9	3,3	0,00046	7,00	53
3E80M/2B	0,75	2880	1,59	2,49	0,84	80,7	82,0	81,5	6,7	3,0	3,6	0,00103	9,60	54
3E80M/2C	1,1	2880	2,26	3,64	0,85	82,7	83,0	82,4	6,8	3,1	3,8	0,00124	10,9	54
3E90S/2B	1,5	2900	2,97	4,94	0,86	84,8	85,4	84,2	7,6	3,1	3,9	0,00178	15,2	59
3E90L/2C	2,2	2900	4,25	7,24	0,87	85,9	86,8	86,1	7,2	3,0	3,8	0,00221	17,5	59
3E100L/2C	3,0	2910	5,58	9,85	0,89	87,1	87,6	86,9	7,9	3,0	4,1	0,00450	23,8	62
3E112M/2C	4,0	2915	7,28	13,1	0,90	88,1	88,8	88,2	7,5	2,6	3,9	0,00618	29,4	65
3E132S/2B	5,5	2945	9,90	17,8	0,90	89,2	89,0	88,6	8,9	2,9	3,9	0,01732	45,7	67
3E132S/2C	7,5	2945	13,2	24,3	0,91	90,1	90,5	89,7	8,4	2,6	4,0	0,02104	52,0	67
3E160M/2B	11	2950	19,7	35,6	0,88	91,2	91,0	90,5	8,5	2,6	3,9	0,03318	79,7	69
3E160M/2C	15	2950	26,5	48,6	0,89	91,9	92,1	91,6	8,9	3,1	4,2	0,03913	87,8	69
3E160L/2D	18,5	2945	31,7	60,0	0,91	92,4	92,7	92,3	8,9	3,1	4,2	0,04409	95,2	69
3E180M/2B	22	2957	38,1	71,1	0,90	92,7	92,9	92,0	8,6	3,1	3,9	0,06299	131	70
3E200L/2B	30	2965	52,0	96,6	0,89	93,6	93,8	93,6	8,6	3,2	3,5	0,16168	181	72
3E200L/2C	37	2965	63,3	119	0,90	93,7	94,1	93,8	8,6	3,2	3,4	0,17458	191	72
3E225M/2C	45	2970	76,8	145	0,90	94,0	94,4	94,2	8,6	3,3	3,1	0,25353	335	74
3E250M/2C	55	2970	93,3	177	0,90	94,4	94,8	94,5	8,6	3,3	3,4	0,38000	425	75

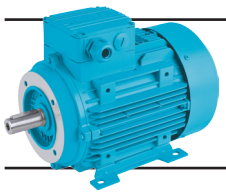


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 1500 d/d / *400V 50Hz 1500 rpm* / 400V 50Hz 1500 UpM

IE3

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E63M/4B	0,12	1405	0,37	0,82	0,70	66,0	64,9	58,2	3,7	2,3	2,7	0,00018	4,10	42
3E63M/4C	0,18	1405	0,52	1,22	0,71	69,9	68,8	63,6	3,8	2,3	2,8	0,00022	4,50	42
3E71M/4C	0,25	1435	0,67	1,66	0,71	76,0	75,4	71,5	5,4	2,1	2,8	0,00082	7,10	45
3E71M/4D	0,37	1435	0,97	2,46	0,70	78,5	78,2	75,0	5,5	2,2	2,9	0,00093	7,80	45
3E80M/4C	0,55	1450	1,34	3,62	0,73	80,8	80,4	77,0	5,9	2,1	3,0	0,00200	10,5	50
3E80M/4D	0,75	1450	1,77	4,94	0,74	82,5	82,3	80,0	6,2	2,5	3,1	0,00227	11,6	50
3E90S/4C	1,1	1450	2,51	7,25	0,75	84,5	84,3	82,0	7,0	2,6	3,4	0,00355	16,3	51
3E90L/4D	1,5	1445	3,30	9,91	0,77	85,3	85,2	83,0	7,2	2,8	3,4	0,00411	18,0	51
3E100L/4C	2,2	1450	4,65	14,5	0,79	86,7	87,2	86,0	7,2	2,8	3,6	0,00775	24,4	53
3E100L/4D	3,0	1450	6,26	19,8	0,79	87,7	88,0	87,0	7,2	2,8	3,6	0,00888	27,0	53
3E112M/4D	4,0	1460	8,05	26,2	0,81	88,6	88,4	87,5	7,4	2,8	3,8	0,01437	32,6	58
3E132S/4C	5,5	1465	10,9	36,0	0,81	89,6	90,2	90,0	7,0	3,0	3,3	0,03059	53,4	61
3E132M/4D	7,5	1465	14,8	48,9	0,81	90,4	91,0	90,5	7,8	3,2	3,4	0,03418	56,6	61
3E132M/4E	9,2	1460	18,4	60,2	0,80	90,4	91,6	91,2	7,4	3,1	3,4	0.03600	62,0	64
3E160M/4C	11	1465	21,0	71,7	0,83	91,5	92,1	91,7	7,6	2,8	3,3	0,07011	89,2	63
3E160L/4E	15	1465	28,7	97,8	0,82	92,1	92,4	91,9	7,8	2,8	3,5	0,08579	97,5	63
3E180M/4C	18,5	1475	35,0	120	0,82	92,6	93,2	92,9	7,7	3,0	3,3	0,12901	128	64
3E180L/4D	22	1470	41,4	143	0,82	93,0	93,7	93,7	8,0	3,0	3,4	0,14667	141	64
3E200L/4D	30	1475	54,5	194	0,85	93,6	94,1	94,0	8,0	3,0	3,4	0,28413	193	65
3E225S/4C	37	1478	65,7	239	0,87	93,9	94,5	94,5	8,3	3,2	3,3	0,38229	320	66
3E225M/4D	45	1477	80,0	291	0,86	94,2	94,7	94,7	8,6	3,3	3,2	0,44100	350	67
3E250M/4D	55	1482	95,3	354	0,88	94,6	95,1	95,2	8,7	3,3	3,2	0,73000	460	68

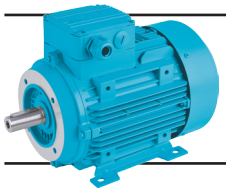


Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

400V 50Hz 1000 d/d / *400V 50Hz 1000 rpm* / 400V 50Hz 1000 UpM

IE3

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmo-ment	Atalet Momenti *Moment of Inertia* Trägheits-moment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräusch-pegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
3E71M/6C	0,18	930	0,55	1,85	0,69	68,0	67,4	62,6	3,6	2,0	2,4	0,00096	6,80	41
3E71M/6D	0,25	930	0,77	2,57	0,67	70,0	69,7	66,0	3,6	2,2	2,5	0,00116	7,50	41
3E80M/6B	0,37	930	1,03	3,80	0,70	74,0	73,8	70,0	4,4	2,1	2,6	0,00202	9,90	43
3E80M/6C	0,55	935	1,47	5,62	0,70	77,2	77,3	74,4	4,3	2,2	2,7	0,00228	11,0	43
3E90S/6B	0,75	945	1,96	7,58	0,70	78,9	79,2	77,6	4,7	2,2	2,7	0,00354	16,0	46
3E90L/6C	1,1	940	2,75	11,2	0,71	81,0	80,8	79,4	5,0	2,2	2,7	0,00428	16,8	46
3E100L/6B	1,5	955	3,50	15,0	0,75	82,5	82,7	81,4	5,3	2,1	2,8	0,00821	22,5	50
3E112M/6B	2,2	960	4,95	21,9	0,76	84,3	84,5	83,5	5,5	2,2	3,0	0,01319	29,6	56
3E132S/6B	3,0	970	6,55	29,4	0,77	85,6	85,5	84,5	6,2	2,1	3,0	0,03051	46,7	58
3E132M/6C	4,0	970	8,52	39,4	0,78	86,8	87,0	85,5	6,2	2,2	2,9	0,03493	50,9	58
3E132M/6D	5,5	965	11,6	54,4	0,78	88,0	88,9	88,5	6,2	2,2	2,8	0,03934	57,3	58
3E160M/6D	7,5	972	15,6	73,7	0,78	89,1	89,4	88,4	6,3	2,6	3,0	0,07870	96,0	61
3E160L/6E	11	972	23,1	108	0,76	90,3	90,9	90,5	6,6	2,9	3,1	0,08580	104	62
3E180L/6E	15	975	30,8	147	0,77	91,2	91,6	91,0	6,7	2,9	3,1	0,15264	141	63
3E200L/6C	18,5	977	36,4	181	0,80	91,7	91,8	91,8	6,1	2,6	2,6	0,36100	164	64
3E200L/6D	22	978	42,5	215	0,81	92,2	92,9	93,0	6,2	2,6	2,6	0,39355	180	64
3E225S/6C	30	985	57,6	291	0,81	92,9	92,9	92,6	6,6	2,9	2,7	0,60000	340	65
3E250M/6C	37	988	68,8	358	0,83	93,4	93,6	93,5	7,3	2,9	2,8	0,82000	435	65
3E280S/6B	45	989	83,5	435	0,83	93,7	93,9	93,2	6,8	2,9	2,8	1,45000	590	65
3E280M/6C	55	989	102	531	0,83	94,1	94,4	93,5	6,9	2,9	2,8	1,65000	620	65



Elektrik Motorlarının Performans Değerleri
Electric Motors Ratings and Performance
Elektromotoren Leistungsdaten

IE2

400V 50Hz 3000 d/d / *400V 50Hz 3000 rpm* / 400V 50Hz 3000 UpM

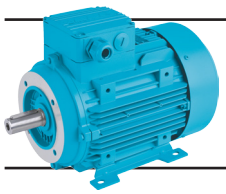
Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
2E63M/2A	0,18	2800	0,50	0,61	0,77	67,5	66,0	62,0	4,5	2,9	3,0	0,00012	3,80	51
2E63M/2B	0,25	2800	0,67	0,85	0,78	69,0	68,0	63,5	4,5	2,9	3,0	0,00015	4,00	51
2E71M/2A	0,37	2790	0,90	1,26	0,80	74,2	74,5	72,5	5,0	2,5	2,8	0,00031	5,70	54
2E71M/2B	0,55	2790	1,27	1,88	0,82	75,8	77,0	76,0	5,0	2,8	2,9	0,00037	6,20	54

400V 50Hz 1500 d/d / *400V 50Hz 1500 rpm* / 400V 50Hz 1500 UpM

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
2E63M/4B	0,12	1400	0,42	0,82	0,70	60,1	60,5	54,5	3,0	2,1	2,3	0,00018	4,00	42
2E63M/4C	0,18	1400	0,56	1,23	0,71	64,7	65,8	61,5	3,0	2,1	2,3	0,00022	4,40	42
2E71M/4B	0,25	1425	0,71	1,68	0,69	74,0	73,5	70,5	4,4	2,0	3,0	0,00067	6,30	46
2E71M/4C	0,37	1425	1,00	2,47	0,70	76,1	75,5	71,5	4,6	2,0	3,0	0,00082	7,00	46
2E80M/4B	0,55	1440	1,45	3,65	0,71	77,1	76,7	75,0	5,2	2,0	3,0	0,00175	9,70	50

400V 50Hz 1000 d/d / *400V 50Hz 1000 rpm* / 400V 50Hz 1000 UpM

Tip *Type* Typ	Tam Yük Değerleri *Full-load Data* Volllastdaten								Kalkış Değerleri *Starting Data* Startdaten		Devrilme Momenti *Breakdown Torque* Kippmoment	Atalet Momenti *Moment of Inertia* Trägheitsmoment	B3 Motor Ağırlığı *B3 Motor Weight* B3 Motor Gewicht	Ses Seviyesi *Noise Level* Geräuschpegel
	Güç *Power* Leistung	Devir *Speed* Drehzahl	Akım *Current* Nennstrom	Moment *Torque* Drehmoment	Güç Faktörü *Power Factor* Leistungsfaktor	Verim % η *Efficiency % η* Wirkungsgrad % η			Akım *Current* Nennstrom	Moment *Torque* Drehmoment				
	kW	d/d *rpm* UpM	A	Nm	Cosφ	4 / 4	3 / 4	1 / 2	I_A/I_N	M_A/M_N	M_K/M_N	kgm^2	kg	dB(A)
2E71M/6B	0,18	920	0,60	1,87	0,67	64,5	63,0	57,0	3,2	1,9	2,3	0,00076	6,10	42
2E71M/6C	0,25	920	0,78	2,59	0,69	66,5	66,0	61,0	3,3	1,9	2,3	0,00096	6,70	42
2E80M/6A	0,37	925	1,08	3,82	0,69	71,4	71,5	70,0	4,0	2,0	2,6	0,00176	9,10	45
2E80M/6B	0,55	932	1,50	5,64	0,72	73,5	74,0	71,0	4,2	2,1	2,6	0,00202	9,80	45



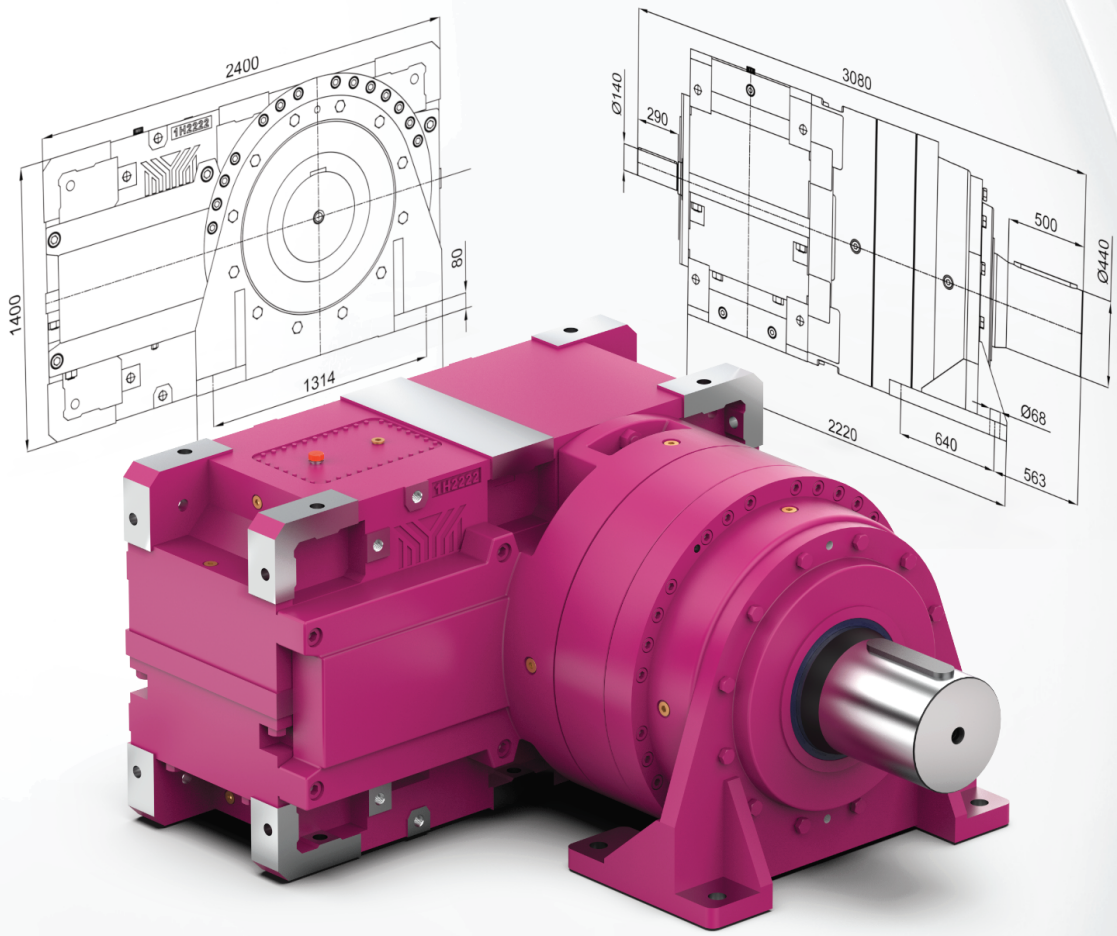
Elektrik Motorlarının Performans Değerleri

Electric Motors Ratings and Performance

Elektromotoren Leistungsdaten

Notlar / *Notes* / Notizen

H22 + R55



1.500.000 Nm

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