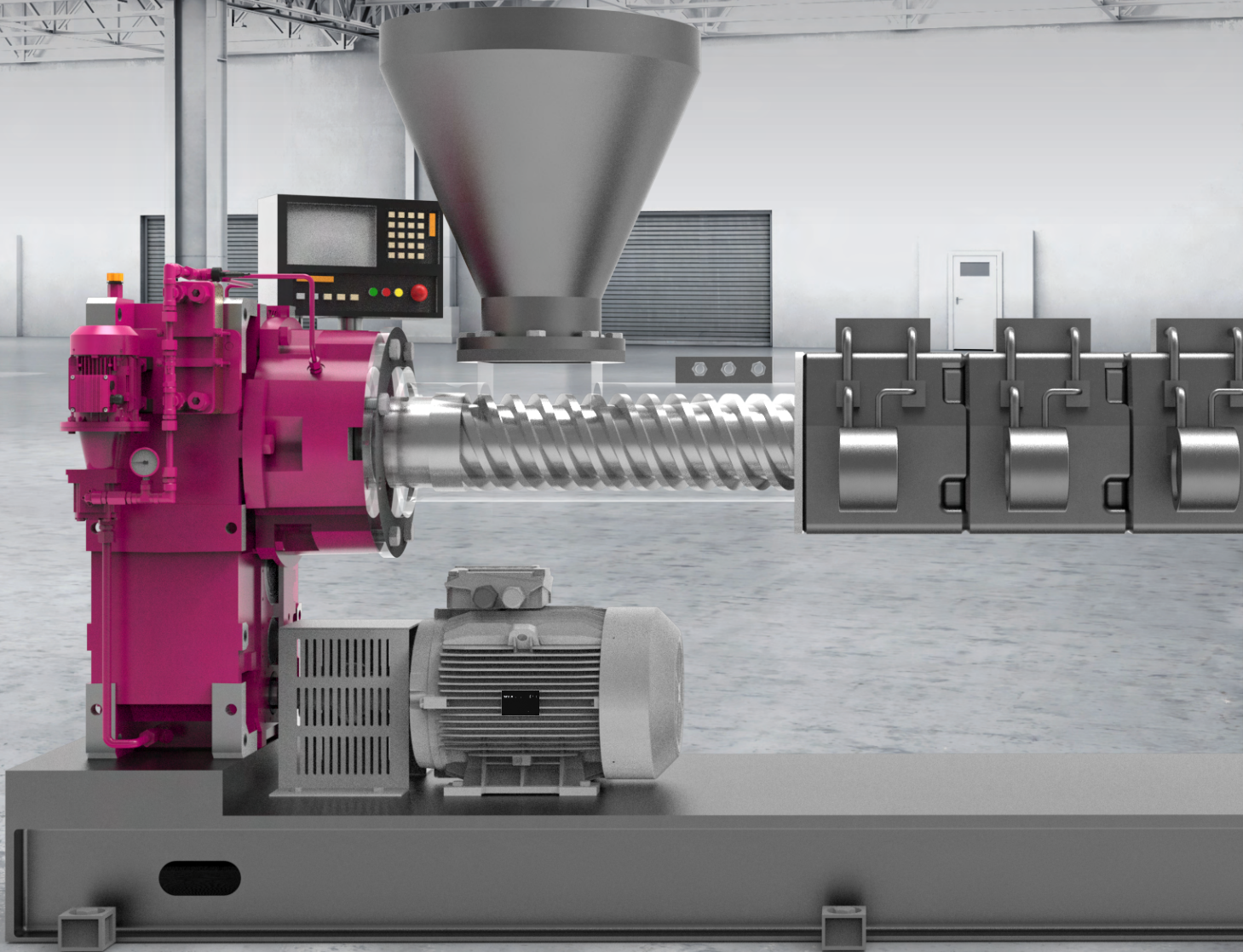


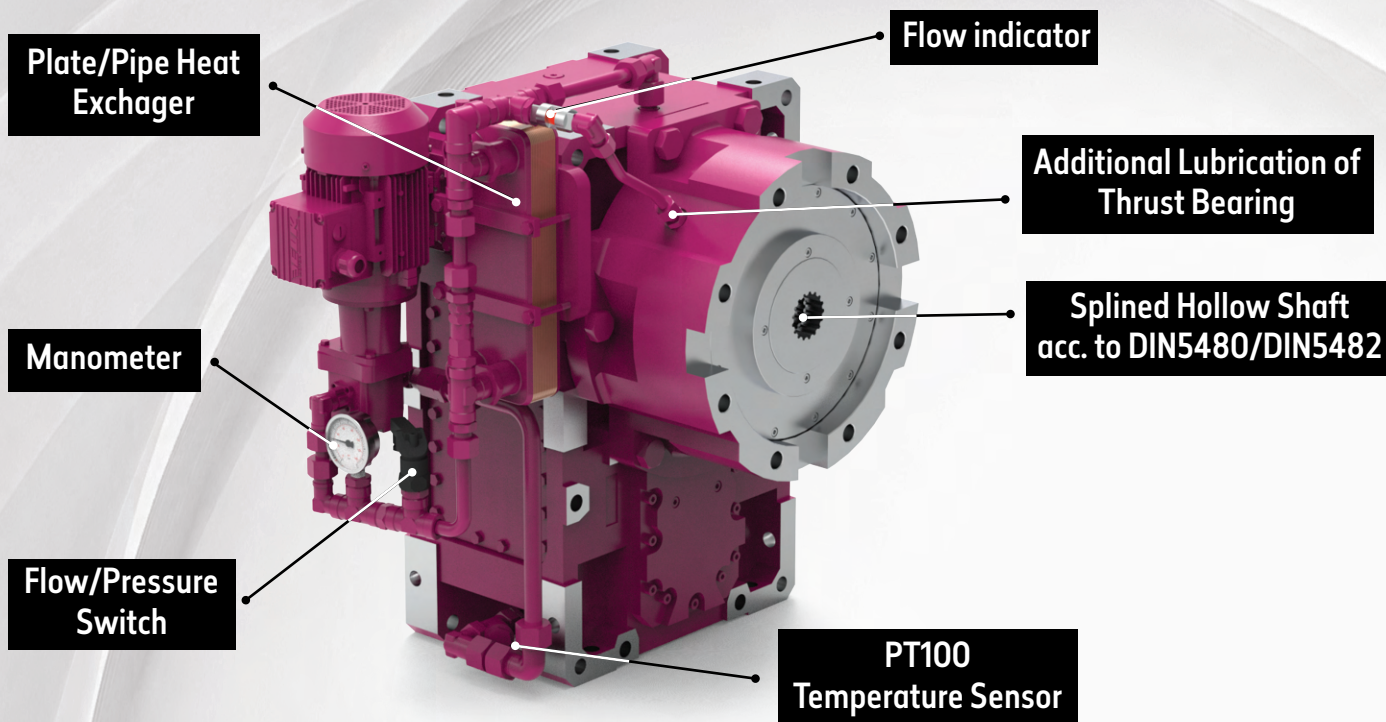


Extruder Gearboxes



HTE Serie

Heavy-duty extruder gearboxes, specially designed for extruder machines, featuring thrust spherical roller bearings and heat-exchanger cooling, with a nominal torque capacity of up to 165,000 Nm.

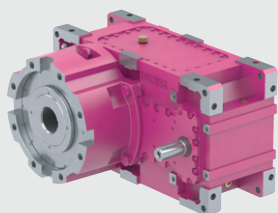


Specifications and Advantages

- Housing made of spheroidal graphite cast iron GGG40
- 29400 Series thrust spherical roller bearing
- Optional thrust spherical roller bearing sizes depends on the axial load.
- High quality gears with profile modifications
- Tapered roller bearings for long operating life
- Optional IEC B5 input flange connection with elastic coupling
- Optional output splined hollow shaft according to DIN5480/DIN5482.
- Pump lubrications depends on mounting position
- Plate/Pipe heat exchangers cooling
- Optional gearbox housing with extended center distance
- Optional accessories (flow switch, pressure switch, manometer, oil level indicator, PT100 sensor etc.)

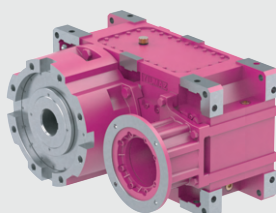
HTE Serie

with input shaft without motor



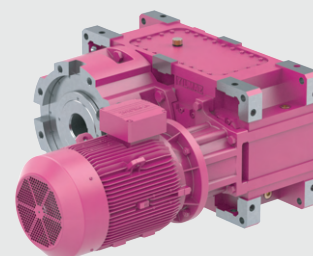
HKE Serie

with IEC B5 flange without motor



HVE Serie

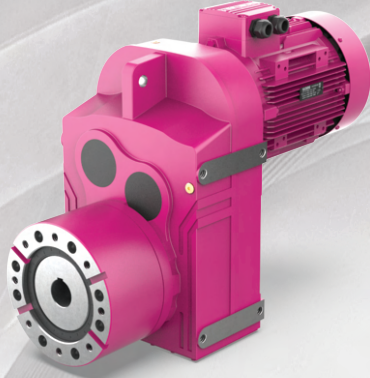
with IEC B5 flange with motor



Performances

<i>Gearbox Size</i>	<i>Ratio Range [i]</i>	<i>Nominal Torque [Nm]</i>	<i>Hollow Shaft Diameter [mm]</i>	<i>Splined Hollow Shaft acc. to DIN5480</i>	<i>Thrust Spherical Roller Bearing</i>
H.E032.	5 - 75	4.850	Ø50	N50x2x30x24x9H	29418
H.E042.	6 - 85	5.500	Ø60	N60x2x30x28x9H	29420
H.E052.	6 - 86	9.000	Ø70	N70x3x30x22x9H	29424
H.E062.	8 - 107	11.000	Ø80	N80x3x30x25x9H	29428
H.E072.	6 - 318	19.000	Ø90	N90x3x30x29x9H	29430
H.E082.	8 - 403	24.000	Ø100	N100x4x30x24x9H	29434
H.E092.	6 - 339	29.000	Ø110	N110x4x30x26x9H	29436
H.E102.	8 - 419	36.000	Ø120	N120x4x30x28x9H	29440
H.E112.	6 - 314	55.000	Ø130	N130x4x30x31x9H	29444
H.E122.	8 - 404	70.000	Ø140	N140x4x30x34x9H	29448
H.E132.	7 - 319	90.000	Ø160	N150x5x30x28x9H	29452
H.E142.	8 - 386	110.000	Ø170	N170x5x30x32x9H	29456
H.E152.	7 - 325	150.000	Ø180	N180x5x30x34x9H	29464
H.E162.	7 - 357	165.000	Ø190	N200x8x30x24x9H	29468

DRE Serie



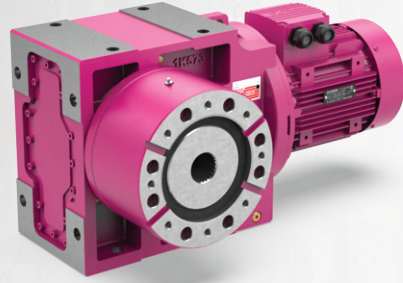
► D series parallel shaft helical gearboxes specifically designed for extruder machines with smaller capacity.

Specifications and Advantages

- Compact design with direct coupled AC motor
- 29400 series output bearings
- Four different mounting positions
- Output shaft options (With key or splines)

Torque Range [Nm]	130 – 18.000
Motor Power Range [kW]	0,12 - 160
Speed Range [rpm]	0,1 - 580

KRE Serie



► K series bevel-helical gearboxes specifically designed for extruder machines with smaller capacity.

Specifications and Advantages

- Direct coupled AC motor with perpendicular input and output shafts
- 29400 series output bearings
- Four different mounting positions
- Output shaft options (With key or splines)

Torque Range [Nm]	450 – 20.000
Motor Power Range [kW]	0,12 - 160
Speed Range [rpm]	0,1 - 460

Gearbox Size	D.E / K.E 17	D.E / K.E 27	D.E / K.E 28	D.E / K.E 37	D.E / K.E 47	D.E / K.E 57	D.E / K.E 67	D.E / K.E 77	D.E / K.E 87	D.E / K.E 97
Thrust Bearing	51208	51310	29412	29412	29414	29416	29418	29424	29428	29432
Output Diameter[mm]	Ø15	Ø25	Ø30	Ø35	Ø40	Ø50	Ø60	Ø70	Ø80	Ø90



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