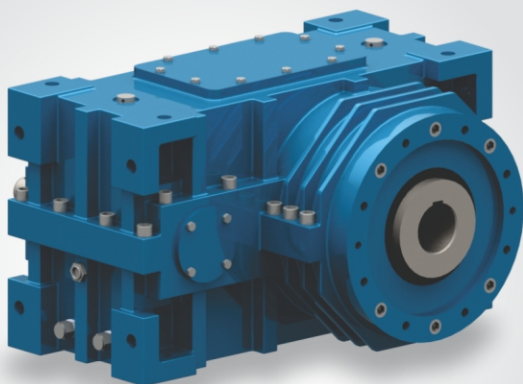




EX SERIES

» Single Screw Extruder Gearbox

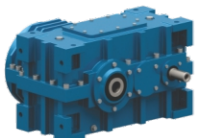


The EX Series is specifically developed for the single screw extruder. This series comprises two and three stage helical units with integrated spherical thrust bearings to absorb high axial thrust loads of screws. It is available in both in horizontal and vertical mounting.

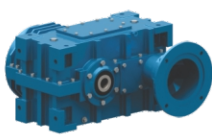
Technical Data Overview

Rated Torque	Up to 72,300 Nm
Transmission	1 = 6, 3 ... 125
Power	Up to 1,800 kW
Translation Stage	2 - and 3 - Stage
Gear type	100 - 360 (12 Sizes)
Type	EX-2, EX-3

Input Option

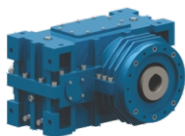


Solid Shaft

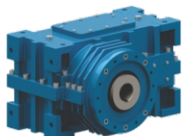


IEC Flange

Output Option



Horizontal RH



Horizontal LH



Vertical

Input Mode:

- Solid input shaft
- IEC Motor Flange with flexible coupling

Output Mode:

- Hollow shafts of various shapes and dimensions
- Standard keyed hollow shaft to DIN 6885/1
- Spline hollow shaft to DIN 5480
- Customer specific mounting dimensions available

Main Options:

- Cooling coil
- Heat exchanger
- Temperature and oil level sensors
- Force lubrication system

Mounting:

- Foot Mounting in horizontal and vertical position



**ADVANCED
ENTERPRISES**



EX SERIES

» Single Screw Extruder Gearbox

TECHNICAL DATA							
Model	Spherical Roller Thrust Bearing	Screw Dia (mm)	Output Shaft Inner Dia (mm)	Inner Shaft Dia.	Ratio	Max. Torque (Nm)	Weight (Kg)
EX 100	51410	20 - 30	20 - 30	22	6.3 - 125	1450	55
EX 112	29412	30 - 40	20 - 35	25	6.3 - 125	2150	75
EX 125	29415	40 - 45	30 - 40	25	6.3 - 125	3000	110
EX 140	29416	50 - 60	40 - 50	32	6.3 - 125	4300	150
EX 160	29422	60 - 75	55 - 65	35	6.3 - 125	6050	215
EX 180	29426	85 - 100	70 - 80	42	6.3 - 125	8600	320
EX 200	29428	90 - 110	80 - 90	42	6.3 - 125	11800	460
EX 225	29432	100 - 125	90 - 100	45	6.3 - 125	16400	590
EX 250	29436	110 - 130	100 - 110	55	6.3 - 125	22600	850
EX 280	29440	120 - 140	100 - 110	60	6.3 - 125	32700	1250
EX 320	29448	140 - 160	110 - 130	70	6.3 - 125	51500	1750
EX 360	29456	140 - 160	130 - 150	80	6.3 - 125	72300	2250

ADVANCED ENTERPRISES

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