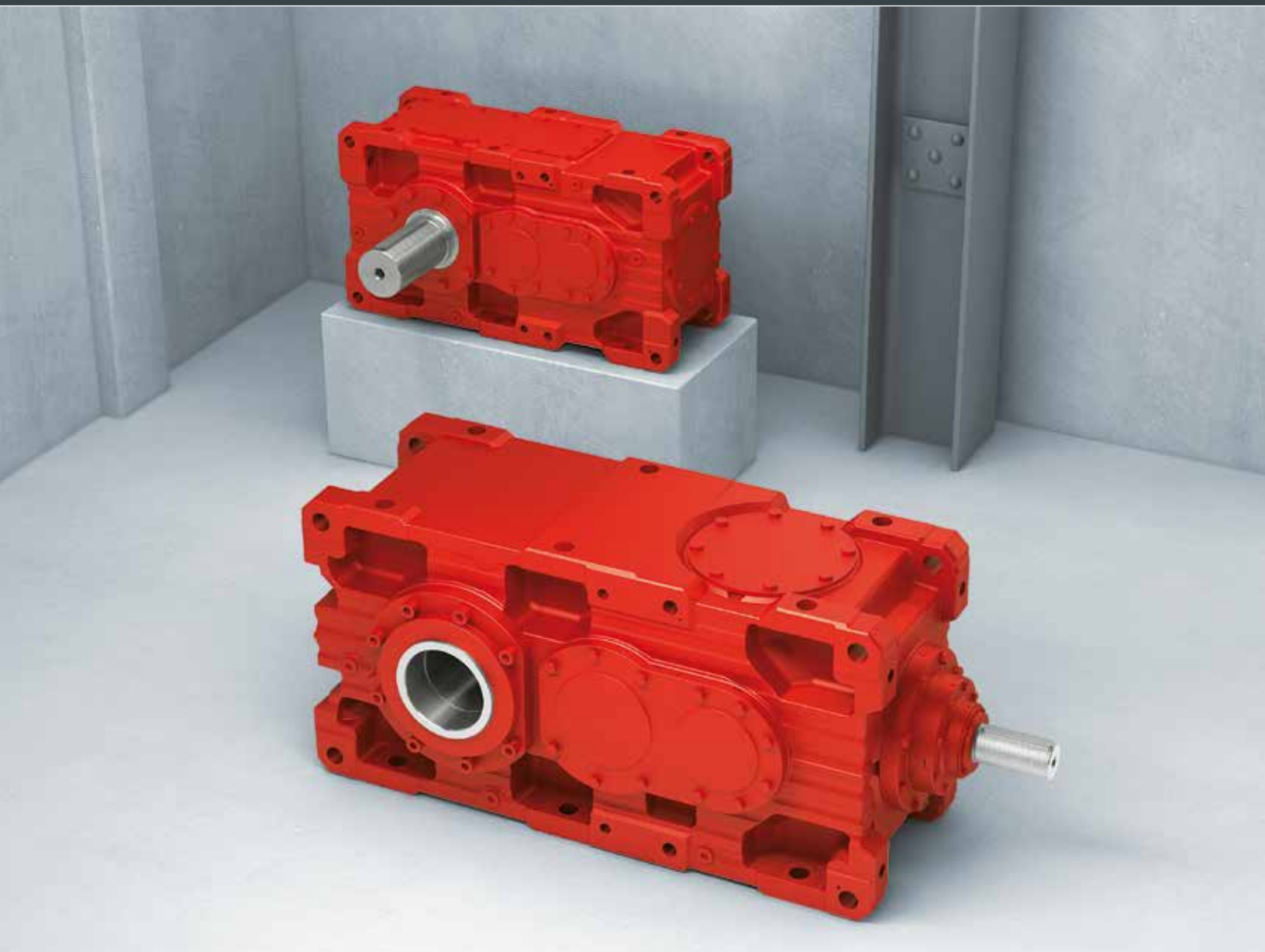


X series Industrial Gear Unit:

Rugged ... Reliable ... Reversible



Global Availability, Local Support

Created by SEW-Eurodrive in Bruchsal, Germany, the X series is relied upon by the world's most demanding industrial applications in places such as Europe, Australia, Finland, China, and South Africa. Successfully proven, the rugged X series is now available locally in North America with engineering and assembly in Lyman, South Carolina.

World class quality + Local availability + Local support ... the wait is over!

Features and Benefits

Features

- Extremely robust housing
- Helical or helical-bevel gear unit
- Single-piece or split gear unit housing
- Reversible housing; can be inverted for either right-hand or left-hand shaft location
- Universal mounting positions
- Distinctive modular technology
- Large selection of standard accessories
- Standard solutions designed for specific applications
- Either CCW or CW rotation

Benefits

- High power density reduces weight and cost
- 23 available sizes! Avoids unnecessary oversizing and costs.
- Innovative/patented cooling systems eliminate expensive alternatives
- Less inventory/spares
- Local engineering and application support provided for proper sizing
- Short delivery for standard versions and spare parts
- Worldwide service
- Customization? No problem!

Preferred Applications

- Conveyor systems used in the mining, chemical, food, and feed industries
- Environmental industry
- Agitators and mixers
- Timber and paper industry
- Steel industry
- Bucket elevators in bulk material handling
- Shredders / disintegrators
- Travel drive for cranes
- Plastics industry

Size and Torque Capacity

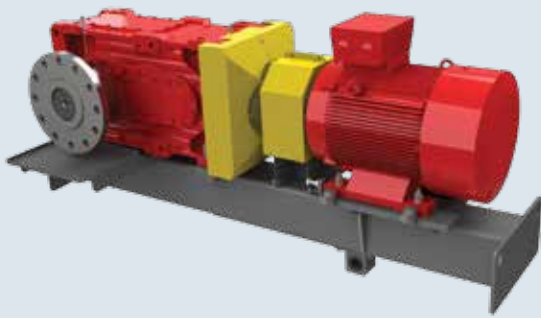
Gear ratios and torques

X.F. helical gear units: 2, 3 and 4 stages, gear ratio $i = 6.3$ to 450

X.K. bevel-helical gear units: 2, 3 and 4 stages, gear ratio $i = 6.3$ to 450

X.T. bevel-helical gear units : 3 and 4 stages, gear ratio $i = 12.5$ to 450

Gear unit size	Torque capacity M_{N2} [lb-in]	Gear unit size	Torque capacity M_{N2} [lb-in]
100	60,200	220	991,000
110	75,200	230	1,159,000
120	113,000	240	1,381,000
130	142,000	250	1,549,000
140	195,000	260	1,814,000
150	243,000	270	2,124,000
160	319,000	280	2,390,000
170	398,000	290	2,726,000
180	513,000	300	3,098,000
190	575,000	310	3,761,000
200	699,000	320	4,204,000
210	797,000		



Complete Drive Systems including:

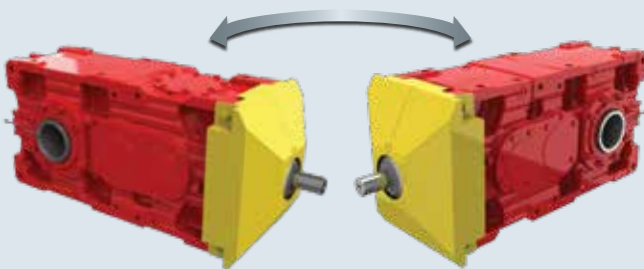
- Couplings
- Swing bases/bed plates
- Torque arms
- Motors



Application Specific Gear Units:

- Hi-speed conveyor drives with thermal housings
- Flotation cell drives
- Bucket elevator drives
- Mixing and Agitating
- Extrusion

Reversible gear unit housing



Reversible Housing Design:

- High flexibility with conveyor drives
- Right-hand or Left-hand shaft location available in one unit
- Less inventory/spares



Taconite Heavy Duty Sealing System:

- Abrasive environments:
 - Mining
 - Cement
- Labyrinth sealing path
- Grease purgeable
- Laminar rings prevent grease from getting pumped into gear unit seals



Innovative Cooling Systems:

- Patented cooling cover (as shown)
 - Air cooled (with fan)
 - Water cooled
 - ↳ Easy clean
 - ↳ No water risk inside gear unit
- Advanced fan (allows the use of brakes, couplings)
- Exclusive thermal housing (optional)



SEW-EURODRIVE
Driving the world

SEW-EURODRIVE ... Wherever you are, we are

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