

Short description

Slewing Drives Product Line - Worm Slewing Drive



Worm slewing drives from Liebherr are very compact with a high power density. This design is ideal for transferring high forces and torques whilst requiring a small package space.

Liebherr's production processes ensure that the worm slewing drives deliver maximum accuracy and functionality. Continuous development also guarantees maximum torque and minimal maintenance work. These worm slewing drives are suitable for use in steering drives for chassis on crane and heavy load vehicles, in loading cranes or in agricultural machinery. In addition to worm slewing drives, spur gear and belt slewing drives are also available.

Features:

- Maximum torque
- Low maintenance
- Long service life
- Small package space
- Easy to service
- Prestressed track system
- Classification using conventional standards

Technical data

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Technical features

Raceway diameter	223 mm to 725 mm
Maximum torque	up to approx. 250,000 Nm
Maximum tilting torque	1,100 Nm
Weight	up to approx. 750 kg
Worm design	Single or double thread design
Brake	Self-retention or mounted brake
Lubrication	Oil or grease

Oil lubrication for easy maintenance

- Longer maintenance intervals
- No maintenance required in various applications
- Perfect for the difficult access situations
- For improved on duty cycle
- Improved lubrication properties



Applications

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|------------------------|--------------------------|----------------------|---------------------|
| • Steering gear | • Handling equipment | • Grab tools | • Cranes |
| • Port mobile cranes | • Construction machinery | • Attachment tools | • Working platforms |
| • Heavy load platforms | • Commercial vehicles | • Satellite antennas | • Lifting gear |

