

Short description

# Segmented slewing bearings



Segmented slewing bearings in a diameter range larger than 7,500 mm from Liebherr are suitable for various specific applications. Examples here are offshore industry, as well as for oil and gas applications. For optimum adjustment to the needs of our customers, we are expanding our product range in this field. Liebherr production enables the highest accuracy and functionality of the large-diameter bearing. Individual design results in direct cost benefits for the customer. As standard, raceways of segmented slewing bearings from Liebherr are induction hardened.

Raceways can also optionally be realised with through-hardened insertion plates.

## Features

- Diameter range larger than 7,500 mm (individual according to requirements)
- Inductively hardened raceways or hardened insertion plates
- Individual design according to customer requirements
- FE calculation including adjacent construction
- Very high specific load carrying capacity

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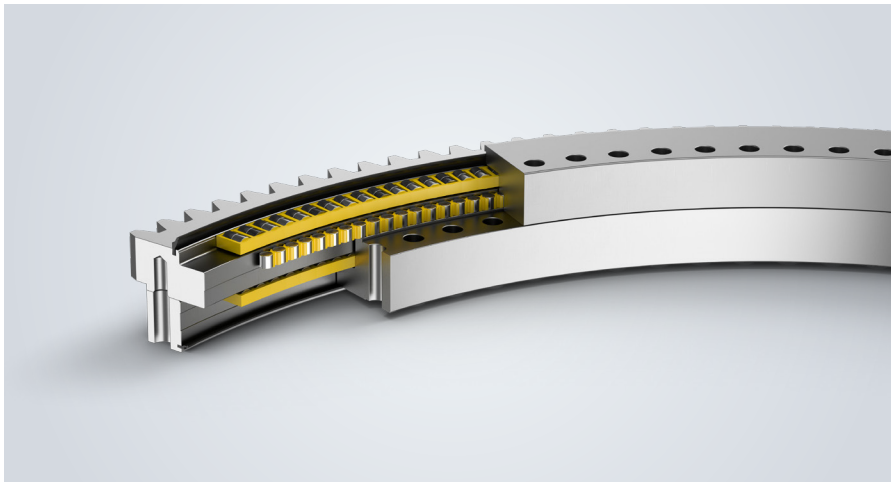
## Technical data

# Segmented slewing bearings

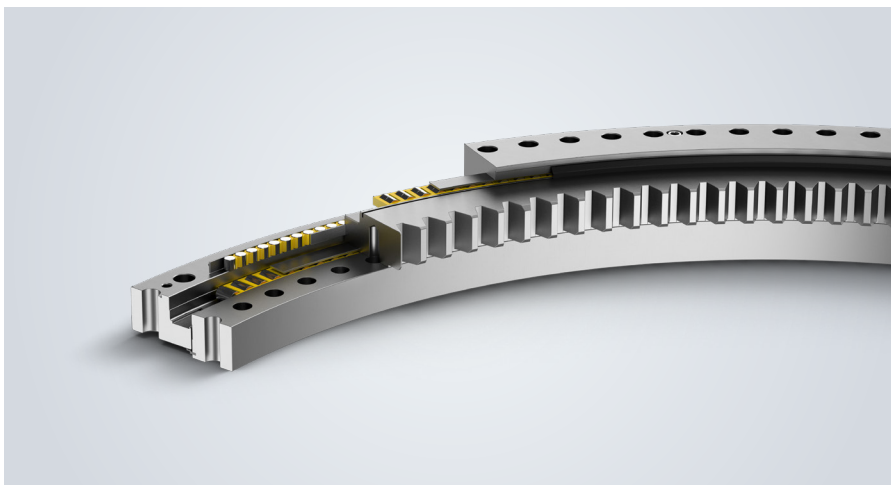
### Technical features

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Design	Roller bearing slewing ring
Diameter range	>7,500 mm (depends on individual design)
Dimensioning of raceway	Individual according to customer requirements (loading condition)
Main influencing factors	Tilting moment, axial force, radial force
Dimensions	Raceway (rolling element size), screw size, ring geometry (ring tension, deformations)
Calculation	Each bearing, including the adjacent construction, is verified using a company-internal and many-times-proven FE calculation method
Assembly	Mobile assembly table available for slewing bearings
Service	Support from Liebherr Service for on-site assembly, including transportable assembly table with drive for pre-assembly



Inductively hardened raceway (standard)



Through-hardened insert plates as raceway (optional)