

Large Diameter Slewing Bearing

This large diameter slewing bearing is designed for heavy-duty applications. It features precision-engineered raceways and robust construction for optimal load distribution and smooth rotation.



ADDITIONAL IMAGES



Overview

High-Performance Large Diameter Slewing Bearing

These large diameter slewing bearings are engineered for heavy-duty industrial applications, offering robust load distribution and smooth rotational movement. Constructed from high-quality steel materials, these bearings are suitable for demanding environments like cranes, excavators, and wind turbines. The precision-machined raceways and flexible gear options ensure reliable performance across international standards.

Dimensions

Size Specifications

5000 mm

Max Outer Diameter

5000 mm

Max Inner Diameter

300 mm

Max Width

Technical Specifications

Hardness Specifications

Component	Hardness Range
Normalizing	187HB-241HB
Quench & Temper	229HB-269HB
Raceway (Post-Quench)	55HRC-62HRC

Gear Configuration

- External gears
- Internal gears
- No gears

Ring Materials	42CrMo, 50Mn, Steel 45#
Rolling Element Material	Chrome steel GCr15 or GCr15SiMn