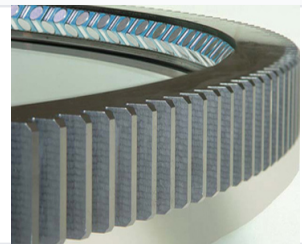


Single-Row Crossed Roller Slewing Bearing

The single-row crossed roller slewing bearing features two seat rings. Its design offers high precision, light weight, and compact fitting clearance.



ADDITIONAL IMAGES



Overview

High-Precision Slewing Solution

The single-row crossed roller slewing bearing is engineered for applications demanding high precision, compact dimensions, and significant load-bearing capacity. By utilizing a 1:1 cross-arrangement of rollers, this bearing effectively manages axial force, resultant moment, and substantial radial loads simultaneously. Its robust design, featuring hardened steel components and high-precision raceways, ensures long service life and minimal friction in demanding industrial environments.

Technical Specifications

Construction Features

- Hardened steel rollers
- Compact design
- High precision raceways
- Integrated gear teeth for direct drive

Bearing Type

Single-row crossed roller slewing bearing

Load Handling

Axial force, Radial force, Resultant moment

Applications

Common Applications

Hoisting • Transporting • Engineering machinery • Robotics • Automation • Medical equipment • Rotary tables