

Thrust Spherical Roller Bearing

These bearings support high axial loads and offer low friction operation. Their self-aligning design makes them suitable for use where housing alignment with the shaft is difficult to maintain or where the shaft deflects under heavy loads.



ADDITIONAL IMAGES



Product Overview

High-Performance Thrust Spherical Roller Bearing

These thrust spherical roller bearings are engineered to handle heavy axial loads and shock loads in demanding industrial environments. Their unique spherical roller design allows for self-alignment, effectively compensating for shaft deflection and misalignment between the shaft and housing. Built from high-quality hardened steel, these bearings ensure long service life and reliable operation in heavy-duty machinery applications.

Technical Features

Construction Components

- Hardened steel shaft washer
- Hardened steel housing washer
- Spherical rollers
- Roller guidance cage

Key Capabilities

Heavy Axial Load Capacity, Self-Aligning, Shock Load Resistant, High Durability

Application Data

Common Industry Uses

- Ship propeller and gear boxes
- Hydro generators
- Petroleum rigs
- Rolling mills
- Hoisting and conveying machinery
- Industrial pumps