

Cylindrical Roller Bearing

This high-precision cylindrical roller bearing is designed for heavy-duty applications. It features hardened steel rollers and raceways for optimal load distribution and extended service life.



Overview

High-Precision Cylindrical Roller Bearing

This high-precision cylindrical roller bearing is engineered for heavy-duty industrial applications requiring high radial load capacity and precise rotational movement. Featuring robust construction with hardened steel rollers and raceways, it ensures optimal load distribution and an extended service life. The design is optimized to minimize friction and heat generation, leading to improved energy efficiency and reliable performance in demanding environments.

Performance Metrics

Performance Highlights

High

Radial Load Capacity

Low

Friction Coefficient

Technical Features

Tolerance Level

Tight Tolerances • High Precision

Material

Hardened steel rollers and raceways

Surface Treatment

Precision-ground surfaces

Applications

Recommended Use Cases

- Industrial Machinery
- Gearboxes
- Heavy-duty Equipment
- High-load Rotating Shafts

Operational Benefits

Efficiency & Reliability

Reduced Heat Generation, Energy Efficient, Extended Service Life, Smooth Operation