

Cylindrical Roller Bearing

Cylindrical roller bearings utilize cylindrical rollers to maintain separation between moving parts. These bearings support heavy radial loads in applications requiring high speeds and low friction.



Product Overview

High-Performance Cylindrical Roller Bearing

These cylindrical roller bearings are precision-engineered to maintain separation between moving parts while supporting heavy radial loads. Designed for high-speed industrial applications, they operate with minimal friction to ensure efficiency and longevity. The construction features an inner ring, an outer ring, precisely manufactured rollers, and a dedicated cage to maintain alignment and smooth operation.

Technical Specifications

Bearing Components

- Inner ring (cone)
- Outer ring (cup)
- Cylindrical rollers
- Retaining cage

Application Suitability

Common Industrial Applications

Gearboxes, Electric Motors, Pumps, Industrial Machinery

Performance Features

Key Performance Attributes

Heavy radial load capacity • High-speed operation • Low friction • Uniform load distribution