

# 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