

# Cylindrical Roller Bearing

The internal structure features a perpendicular cross arrangement at 90 degrees. An interval retainer or isolation block is placed between the rollers to prevent friction and increase rotational torque.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Cylindrical Design

This cylindrical roller bearing features line contact with the raceway, providing exceptional radial load capacity. Engineered for efficiency, the design minimizes friction between the rollers and the ring wall, making it an ideal choice for high-speed rotation applications. Its robust construction ensures durability and reliable performance in demanding industrial environments.

## Technical Specifications

### Speed Suitability

High-speed rotation

### Primary Load Capacity

Radial load

### Contact Method

Line contact with raceway

## Classification

### Available Types

- Single Cylindrical Roller Bearing
- Double row Cylindrical Roller Bearing
- Multi-row cylindrical roller bearings

## Applications

### Common Applications

Medium-sized motors, Locomotives, Machine tool spindles, Internal combustion engines, Generators, Gas turbines, Gear boxes, Rolling mills, Vibrating screens, Lifting machinery