

Cylindrical Roller Bearing for Rolling Mills

High-precision rolling mill bearing designed for heavy-duty industrial applications. This bearing features cylindrical rollers for optimal load distribution and smooth operation under high radial loads.



Product Overview

Industrial Cylindrical Roller Bearings

These high-precision cylindrical roller bearings are engineered for heavy-duty industrial applications, offering exceptional radial load capacity and shock resistance. With options ranging from double-row to four-row configurations, they provide the durability needed for high-speed operation in demanding environments like rolling mills and machine tool spindles. Their separable design allows for convenient mounting and maintenance, making them an ideal choice for large-scale machinery and power generation equipment.

Technical Specifications

Bore Size Range	140 - 900 mm
Outside Diameter Range	190 - 1200 mm
Precision Rating	ABEC-1, ABEC-3
Clearance Classes	C0, C1, C2, C3, C4

Design & Construction

Material Composition

Hardened Steel (HRC60-64) • Brass Cage • Steel Cage

Bearing Configurations

- Double Row
- Four Row
- Separable Inner/Outer Rings

Seals Type

Open

Performance Highlights

Load Capacity & Features

1 High

Radial Load Capacity

1 High

Shock Load Resistance

Application Suitability

Primary Applications

- Rolling Mills
- Machine Tool Spindles
- Large Motors
- Electricity Generators
- Gas Turbines
- Deceleration Devices