

Single Row Cylindrical Roller Bearing

Single row cylindrical roller bearings are designed for high radial loads and moderate speeds. Their separable design simplifies mounting and dismounting in equipment such as gearboxes and pumps.



Product Overview

Precision Performance

Single row cylindrical roller bearings are engineered to handle high radial loads while maintaining moderate operating speeds. Their design features cylindrical rollers guided by integral ribs, allowing for separable components that simplify the mounting and dismounting processes. These bearings are ideal for demanding industrial applications such as gearboxes, electric motors, and pumps where minimal friction and high precision are essential.

Technical Specifications

Load Capacity	High radial load
Speed Rating	Moderate speeds

Construction

Key Components

- Outer ring
- Inner ring
- Cylindrical rollers
- Cage for roller spacing

Design Advantages	Separable components, Easy mounting, Minimal friction, High radial load capacity
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Application

Common Industrial Uses

- Gearboxes
- Electric motors
- Pumps