

# Cylindrical Roller Bearing

## 160x290x98.425mm

This cylindrical roller bearing has a 160mm inside diameter, 290mm outside diameter, and a 98.425mm thickness. It is suitable for gearboxes, machine tools, and other heavy-duty machinery.



### Product Overview

#### High-Performance Cylindrical Roller Bearing

This cylindrical roller bearing is engineered for demanding industrial applications requiring high radial load capacity and shock resistance. Featuring a robust construction with hardened steel components, it offers exceptional reliability and a long service life. Its design allows for efficient operation in heavy-duty machinery such as gearboxes and machine tools, where high precision and low noise are critical performance factors.

### Technical Dimensions

#### Dimensions

**160 mm**

Inner Diameter (d)

**290 mm**

Outer Diameter (D)

**98.425 mm**

Width (B)

### Performance Features

#### Advantages

High Speed • High Precision • Low Noise • Long Life • High Reliability

#### Capabilities

- High radial load capacity
- Suitable for heavy load and shock load
- Low friction coefficient
- Axial movement capability (N and NU types)
- Detachable inner or outer ring

### Installation & Maintenance

#### Installation and Handling

The inner or outer rings are detachable, facilitating easier installation and removal. To ensure optimal performance and avoid contact stress concentration, processing requirements for the shaft or housing bore must be strictly controlled to manage axis deflection after installation.