

380x560x82mm Cylindrical Roller Bearing

This cylindrical roller bearing has a 380mm inside diameter, 560mm outside diameter, and 82mm thickness. It is suitable for use in gearboxes, machine tools, and electric motors.



Product Overview

High-Performance Cylindrical Roller Bearing

This 380x560x82mm cylindrical roller bearing is engineered for demanding industrial applications requiring exceptional radial load capacity. Featuring line contact between the rollers and raceway, it offers low friction and high-speed performance comparable to deep groove ball bearings. The separable inner and outer rings facilitate easy assembly and disassembly, making it an ideal choice for heavy-duty machinery, gearboxes, and rolling mills.

Technical Dimensions

Dimensions

380 mm

Inner Diameter

560 mm

Outer Diameter

82 mm

Width

Design & Construction

Cage Materials and Types

- EM: Machine process copper cage (outer/inner ring centered)
- EM: Pressed steel cage (roller centered)
- EP: Nylon cage (roller centered)
- Steel stamping
- Brass cage
- Formed polyamide

Available Design Configurations

NU, NJ, NUP, N, NF, NNU

Performance Features

Key Performance Characteristics

Feature	Benefit
Contact Type	Line contact for heavy radial load capacity
Friction	Small frictional factor for high-speed operation
Assembly	Separable rings for easy installation and maintenance
Load Handling	Capable of bearing heavy load and impact load