

480x700x165mm Spherical Roller Bearing

This spherical roller bearing has a 480mm inside diameter, 700mm outside diameter, and 165mm thickness. It is designed to accommodate heavy radial loads and moderate axial loads in both directions.



Product Overview

High-Performance Spherical Roller Bearing

This double-row spherical roller bearing is designed for heavy-duty industrial applications requiring high load capacity and misalignment compensation. Featuring a robust construction with barrel rollers and a concave outer ring raceway, it excels in harsh environments where high speed and reliability are critical. The integrated lubrication groove and holes ensure efficient maintenance and extended service life.

Key Metrics

Core Dimensions

480 mm

Bore Diameter

700 mm

Outer Diameter

165 mm

Width

Technical Construction

Precision Grade

P0 • P6

Materials

GCr15, GCr15SiMn, Brass Cage, Steel Cage

Hardness

HRC60 - HRC64

Operational Features

Performance Characteristics

- High precision and speed
- Heavy load carrying capacity
- High temperature resistance
- Misalignment compensation
- Long service life

Internal Clearance

C0, C3, C4

Lubrication

W33 (Lubrication Groove & 3 Holes in Outer Ring)

Model Series Data

230 Series Specifications

| Model Number | Bore (mm) | OD (mm) | Width (mm) |
|---------------|-----------|---------|------------|
| 23030 CC/W33 | 150 | 225 | 56 |
| 23040 CC/W33 | 200 | 310 | 82 |
| 23060 CAC/W33 | 300 | 460 | 118 |
| 23080 CAC/W33 | 400 | 600 | 148 |
| 23096 CAC/W33 | 480 | 700 | 165 |