

# 320x440x90mm Spherical Roller Bearing

This spherical roller bearing is designed to accommodate heavy radial and axial loads in both directions. Its spherical design allows for misalignment compensation, reducing stress and extending service life.



## Overview

### High-Capacity Spherical Roller Bearing

This double-row spherical roller bearing is designed for demanding industrial applications requiring high radial and axial load capacity. Its self-aligning design compensates for shaft misalignment, reducing stress and extending service life in heavy-duty machinery. Featuring optimized internal geometry and high-quality materials, it ensures low friction and reliable performance under challenging operating conditions.

## Dimensions

### Key Dimensions

**320 mm**

Bore Diameter

**440 mm**

Outside Diameter

**90 mm**

Width

## Technical Characteristics

### Precision Grades

P0 • P6

### Closures

- Unsealed
- Sealed

### Material Options

GCr15, GCr15SiMn

### Hardness Range

HRC60 - HRC64

## Design & Construction

### Cage Material

- Brass
- Steel

### Internal Clearance

C0, C3, C4

### Lubrication System

Lubrication groove and 3 holes in outer ring (W33)

## Applications

### Typical Applications

- Gearboxes
- Rolling mills
- Heavy-duty equipment
- Industrial machinery