

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