

480x600x90mm Spherical Roller Bearing

Spherical roller bearings accommodate misalignment between the shaft and housing. This 480x600x90mm bearing is designed for high load capacity in heavy machinery and gearboxes.



Overview

High-Performance Spherical Roller Bearings

These spherical roller bearings are engineered to handle heavy radial and axial loads while accommodating significant angular misalignment. Featuring a robust design with lubrication enhancements like the W33 groove, they are ideal for demanding industrial applications such as gearboxes and heavy machinery. The combination of high load capacity and thermal expansion tolerance ensures a long service life and reliable performance in challenging environments.

Dimensions

Bore Diameter	480 mm
Outer Diameter	600 mm
Width	90 mm

Technical Features

Performance Highlights

480 mm

Inner Diameter

600 mm

Outer Diameter

Internal Clearance

C3

Lubrication Features

W33 (Lubrication groove and holes in the outer ring)

Construction

Cage Materials

- Brass cage
- Steel cage
- Nylon cage

Series Types

CC, CA, CAE, MB, E

Bore Configuration

Cylindrical or Tapered (K)

Applications

Common Applications

- Heavy Machinery
- Gearboxes
- Industrial Equipment requiring misalignment compensation

Series Classification

Basic Type Range

21000, 22000, 23000, 24000