

# 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