

# Spherical Roller Bearing 22318 - 90mm Bore, 190mm OD

This spherical roller bearing is designed to handle heavy radial loads and accommodate misalignment. The bearing features a spherical outer ring raceway, allowing for angular misalignment between the shaft and housing.



## ADDITIONAL IMAGES



## Overview

### High-Performance Spherical Roller Bearing

The 22318 spherical roller bearing is engineered for demanding industrial applications requiring high radial and axial load capacity. Featuring a double-row design and a spherical outer ring raceway, this bearing effectively accommodates angular misalignment between the shaft and housing. With integrated lubrication features and optimized internal clearance, it offers reliable performance in heavy machinery, gearboxes, and agricultural equipment.

## Dimensions

Bore Diameter	90 mm
Outer Diameter	190 mm

## Technical Features

### Clearance & Maintenance

**3 C3**

Internal Clearance

**33 W33**

Lubrication Groove

### Design Features

Double-row, Spherical Outer Ring, Self-aligning

## Construction

### Cage Material Options

- Brass cage
- Steel cage

## Applications

### Common Applications

Agriculture Machinery • Machine Tool Shafts • Railway Gearboxes • Rolling Mills • Pumps