

# Spherical Roller Bearing 22314CC/W33

These spherical roller bearings are designed for heavy loading capacity. They compensate for shaft deformation and non-centered error with symmetrical double row spherical rollers self-aligning in the groove of the outer ring.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Spherical Roller Bearing

The 22314CC/W33 is a robust spherical roller bearing engineered for demanding industrial environments. Featuring a double-row design, it excels at managing heavy radial and axial loads while accommodating shaft misalignment through its self-aligning capability. The inclusion of a lubrication groove and holes in the outer ring simplifies maintenance, ensuring extended service life in critical machinery such as gearboxes, pumps, and mining equipment.

## Dimensions

Bore Diameter (d)	70 mm
Outer Diameter (D)	150 mm
Width (B)	51 mm

## Performance Metrics

### Load Capacity

**312 kN**

Dynamic Load Rating (Cr)

**395 kN**

Static Load Rating (Cor)

### Limiting Speeds

Lubrication Type	Speed Limit
Grease	2800 r/min
Oil	3400 r/min

## Technical Specifications

### Model Compatibility

- New Model: 22314CC/W33
- Old Model: 53614

### Key Features

Spherical Roller, Self-Aligning, Lubrication Groove, Double-Row, Stamped Steel Cage

### Weight

4.34 KG