

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