

Features

- Open Type (no seal)
- Spherical roller bearings are self-aligning, making them accommodate for misalignment.
- Metric Measurement
- Lubrication holes and groove in outer ring
- Normal Clearance (Cn)
- Accuracy: PN Normal tolerance

RS PRO Roller Bearings

RS Stock No.: 0186221



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Roller Bearings

Product Description

RS PRO with Open End Type Spherical Roller Bearings provide dual-directional movement versatility. Its primary function is to reduce friction between the components while allowing misalignment. These spherical roller bearings offer an excellent service life combined with high levels of reliability. They minimize friction and keep noise and vibration during operation.

These bearings are used in applications prone to misalignment or shaft deflection (bending of the shaft under specific circumstances, such as an axial load). They are known to tolerate the misalignment between the shaft and housing. They have outstanding load carrying capacity for radial and combination loads in one direction due to many spherical rollers

General Specifications

Roller Bearing Type	Spherical
Sealing Arrangements	No Seal
End Type	Open
Number of Rows	2
Material	Steel
Roller Material	Steel
Cage Material	Steel
Bore Type	Parallel
Clearance	Normal Clearance (Cn)

Mechanical Specifications

Inside Diameter	50 mm
Outside Diameter	90 mm
Race Width	23 mm
Static Load Rating	124 kN
Dynamic Load Rating	105 kN
Reference Speed	9500
Limiting Speed	5200

Specifications and Drawings

Dimensions (mm)				Dynamic (kN)	Static (kN)	Thermal Speed Rating (rpm)	Limited Speed Rating (rpm)
d	D	B	r1, r2 min				
50	90	23	1.1	105	124	5200	9500

