

Features

- Self-Aligning Double Row Angular Contact Ball Bearing
- Polymer Cage
- Both Sides Sealed
- Rubber Seal on both sides

RS PRO Ball Bearings

RS Stock No.: 0291668



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Product Description

The self-aligning double row bearing, is self-aligning, self-centring and is able to tolerate angular misalignment. This is possible due to the bearing has two rows of balls running on the same spherical outer raceway. These bearings offer the advantage of smooth operation and ease of installation in environments where maintaining perfect alignment is challenging.

Applications that commonly use double row self-aligned bearings are track and guidance systems, cranes and elevator equipment. They are also used in rail, automotive and transport and in agricultural machinery, making self-aligning ball bearings one of the most versatile types of bearing available.

General Specifications

Ball Bearing Type	Double Row Angular Contact Ball Bearing
End Type	Both Sides Sealed
Number of Rows	2
Material	Steel
Ball Material	Steel
Cage Material	Polyamide
Race Material	Steel
Race Type	Plain
Bore Type	Parallel
Seals / Shields	Sealed
Clearance	CN
Bearing Series	3 Medium

Mechanical Specifications

Inside Diameter (d)	50mm
Outside Diameter (D)	90mm
Race Width (B)	23mm
Static Load Rating	8.15kN
Dynamic Load Rating	22.9kN
Limiting Speed	6300
Weight	0.58 Kg

