

## FEATURES

- **Self-Aligning Design:** Compensates for misalignment, reducing stress on components.
- **Sealed End Type:** Protects against dust and moisture, extending bearing life.
- **Polymer Cage Material:** Provides excellent wear resistance and low friction.
- **Dynamic Load Rating of 22.9 kN:** Supports high load applications, ensuring reliability.
- **Limiting Speed of 6300 rpm:** Suitable for high-speed operations.
- **Steel Ball and Race Material:** Offers strength and durability for demanding environments.

## RS PRO 50mm Self-Aligning Ball Bearing, Sealed

RS Stock No: 291-668



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price

## Product Description

This RS PRO self-aligning ball bearing is designed for applications requiring high precision and reliability. With a 50 mm inside diameter, it is ideal for accommodating misalignment and reducing friction in rotating machinery. The sealed design ensures protection against contaminants, enhancing durability and performance.

## General Specifications

Ball Material	Steel
Bearing Type	Self-Aligning
Bore Type	Parallel
Cage Material	Polymer
Dynamic Load Rating	22.9 kN
End Type	Sealed
Internal Clearance	CN
Limiting Speed	6300 rpm
Number of Rows	2
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	23 mm
Static Load Rating	8.15 kN

## Mechanical Specifications

Inside Diameter	50 mm
Outside Diameter	90 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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