

## FEATURES

- **Self-Aligning Design:** Compensates for misalignment, reducing wear and extending lifespan
- **Sealed End Type:** Protects against contaminants, ensuring longevity and reliability
- **Polymer Cage Material:** Provides excellent resistance to corrosion and wear
- **Dynamic Load Rating of 13.3 kN:** Supports high-load applications effectively
- **Limiting Speed of 9500 rpm:** Suitable for high-speed operations
- **C3 Internal Clearance:** Allows for thermal expansion and operational flexibility

## RS PRO 25mm Self-Aligning Ball Bearing, Steel Race

RS Stock No: 291-659



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 25 mm inside diameter and a steel race, it is ideal for handling dynamic loads up to 13.3 kN. The self-aligning feature ensures smooth operation even with misalignment, making it suitable for various industrial applications.

## General Specifications

Ball Material	Steel
Bearing Type	Self-Aligning
Bore Type	Parallel
Cage Material	Polymer
Dynamic Load Rating	13.3 kN
End Type	Sealed
Internal Clearance	C3
Limiting Speed	9500 rpm
Number of Rows	2
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	18 mm
Static Load Rating	4 kN

## Mechanical Specifications

Inside Diameter	25 mm
Outside Diameter	52 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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