

FEATURES

- **Steel Ball Material:** Provides excellent strength and durability for long-lasting performance
- **Single Row Deep Groove Design:** Offers high load capacity and efficient operation
- **Steel Cage Material:** Enhances stability and reduces friction during operation
- **Dynamic Load Rating of 14.5 kN:** Supports heavy loads, making it suitable for demanding applications
- **Sealed End Type:** Protects against dust and moisture, reducing maintenance needs
- **Limiting Speed of 9000 rpm:** Allows for high-speed applications without compromising performance
- **Parallel Bore Type:** Ensures easy installation and alignment

RS PRO 50 mm Single Row Deep Groove Ball Bearing

RS Stock No: 291-614



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 ball bearing is designed for high-performance applications requiring reliable rotational motion. With a 50 mm inside diameter, it is ideal for use in machinery where precision and durability are paramount. The sealed end type ensures protection against contaminants, extending the lifespan of the bearing.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	14.5 kN
End Type	Sealed
Internal Clearance	CN
Limiting Speed	9000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	12 mm
Static Load Rating	11.7 kN

Mechanical Specifications

Inside Diameter	50 mm
Outside Diameter	72 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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