

FEATURES

- **Steel ball material:** Ensures durability and resistance to wear and tear
- **Sealed end type:** Protects against contamination and extends bearing life
- **Dynamic load rating of 14.1 kN:** Supports heavy loads effectively
- **Limiting speed of 9700 rpm:** Suitable for high-speed applications
- **Steel cage material:** Provides robust support and stability
- **Parallel bore type:** Facilitates easy installation and alignment

RS PRO 45mm Single Row Deep Groove Ball Bearing

RS Stock No: 291-712



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 where reliability and efficiency are crucial. With a single row deep groove design, it provides excellent radial and axial load support, making it ideal for various industrial uses.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	14.1 kN
End Type	Sealed
Internal Clearance	CN
Limiting Speed	9700 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	12 mm
Static Load Rating	10.9 kN

Mechanical Specifications

Inside Diameter	45 mm
Outside Diameter	68 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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