

FEATURES

- **Sealed design:** Protects against contaminants and extends bearing life
- **Steel ball material:** Ensures durability and resistance to wear
- **Single row deep groove:** Offers high-speed capability and efficient load distribution
- **Dynamic load rating of 4.55 kN:** Supports substantial operational loads
- **Limiting speed of 15000 rpm:** Suitable for high-speed applications
- **Parallel bore type:** Facilitates easy installation and alignment
- **Steel cage material:** Provides stability and reduces friction

RS PRO 30 mm Sealed Ball Bearing, Single Row Deep Groove

RS Stock No: 291-612



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 sealed ball bearing is designed for high-speed applications, offering reliable performance with a single row deep groove configuration. Ideal for use in machinery where space is limited, it provides excellent load handling capabilities with a dynamic load rating of 4.55 kN.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	4.55 kN
End Type	Sealed
Internal Clearance	CN
Limiting Speed	15000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	3.4 kN

Mechanical Specifications

Inside Diameter	30 mm
Outside Diameter	42 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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