

FEATURES

- **Steel Ball Material:** Ensures durability and resistance to wear
- **Single Row Deep Groove Design:** Offers efficient load handling and smooth operation
- **Cylindrical Bore Type:** Facilitates easy installation and alignment
- **Sheet Metal Cage Material:** Provides stability and reduces friction
- **Dynamic Load Rating of 4.1 kN:** Supports high dynamic loads for versatile applications
- **Open End Type:** Allows for easy maintenance and lubrication
- **Limiting Speed of 20000 rpm:** Suitable for high-speed applications

RS PRO 30 mm Cylindrical Ball Bearing, 42 mm OD

RS Stock No: 291-643



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-speed applications, offering reliable performance in various industrial settings. With a single row deep groove design, it provides excellent load handling and smooth operation, making it ideal for machinery and equipment requiring precision and durability.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	4.1 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	20000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	2.9 kN

Mechanical Specifications

Inside Diameter	30 mm
Outside Diameter	42 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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