

## FEATURES

- **Steel Ball Material:** Ensures durability and resistance to wear
- **Single Row Deep Groove Design:** Provides smooth operation and high load capacity
- **Cylindrical Bore Type:** Facilitates easy installation and alignment
- **Sheet Metal Cage Material:** Enhances strength and stability
- **Dynamic Load Rating of 5.4 kN:** Supports substantial dynamic loads
- **Open End Type:** Allows for easy maintenance and lubrication
- **Limiting Speed of 14000 rpm:** Suitable for high-speed applications

## RS PRO 45mm Cylindrical Ball Bearing, Steel Single Row

RS Stock No: 291-648



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 rotation and load handling. With a 45mm inside diameter and a steel construction, it offers durability and efficiency in various industrial settings.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	5.4 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	14000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	4 kN

## Mechanical Specifications

Inside Diameter	45 mm
Outside Diameter	58 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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