

## FEATURES

- **Steel ball material:** Provides excellent strength and wear resistance
- **Single row deep groove design:** Ensures efficient load handling and smooth operation
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage material:** Enhances durability and reduces friction
- **Dynamic load rating of 5.07 kN:** Supports high load capacity
- **Open end type:** Allows for easy maintenance and lubrication
- **Limiting speed of 16000 rpm:** Suitable for high-speed applications

## RS PRO 40mm Cylindrical Ball Bearing, Steel Material

RS Stock No: 291-646



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 in various industrial applications. With a 40 mm inside diameter and steel construction, it offers durability and reliability in demanding environments. Its single row deep groove design ensures smooth operation, making it ideal for applications requiring high rotational speeds.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	5.07 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	16000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	3.65 kN

## Mechanical Specifications

Inside Diameter	40 mm
Outside Diameter	52 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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