

## FEATURES

- **Steel Ball Material:** Ensures durability and resistance to wear
- **Single Row Angular Contact Design:** Provides high load-carrying capacity and precision
- **40° Contact Angle:** Enhances axial load handling capability
- **Polymer Cage Material:** Reduces friction and noise, improving efficiency
- **Dynamic Load Rating of 35.8 kN:** Supports high operational loads
- **Limiting Speed of 9000 rpm:** Suitable for high-speed applications
- **Open End Type:** Allows for easy maintenance and lubrication

## RS PRO 45mm Single Row Angular Contact Ball Bearing

RS Stock No: 291-633



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 precision and reliability. With a 45 mm inside diameter, it is ideal for use in machinery where accurate alignment and high-speed operation are critical. The main benefit of this bearing is its ability to handle both radial and axial loads efficiently.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Angular Contact Ball
Bore Type	Parallel
Cage Material	Polymer
Contact Angle	40 °
Dynamic Load Rating	35.8 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	9000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	19 mm
Static Load Rating	26 kN

## Mechanical Specifications

Inside Diameter	45 mm
Outside Diameter	85 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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