

## FEATURES

- **Steel Ball Material:** Provides durability and resistance to wear
- **Single Row Angular Contact Design:** Supports high axial loads in one direction
- **Polymer Cage Material:** Reduces friction and noise during operation
- **40° Contact Angle:** Enhances load-carrying capacity
- **Dynamic Load Rating of 14.8 kN:** Ensures robust performance under dynamic conditions
- **Open End Type:** Allows for easy maintenance and lubrication
- **Limiting Speed of 15000 rpm:** Suitable for high-speed applications

## RS PRO 40° Single Row Angular Contact Ball Bearing, 25 mm Bore

RS Stock No: 291-627



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 40° contact angle, it is ideal for managing combined radial and axial loads, making it suitable for various industrial uses.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Angular Contact Ball
Bore Type	Parallel
Cage Material	Polymer
Contact Angle	40 °
Dynamic Load Rating	14.8 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	15000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	15 mm
Static Load Rating	9.3 kN

## Mechanical Specifications

Inside Diameter	25 mm
Outside Diameter	52 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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