

## FEATURES

- **Double Row Angular Contact Design:** Provides enhanced load capacity and stability.
- **Sealed End Type:** Protects against dust and moisture, reducing maintenance needs.
- **40° Contact Angle:** Optimises load distribution for improved performance.
- **Polyamide Cage Material:** Offers lightweight and durable support for the ball bearings.
- **Dynamic Load Rating of 47.5 kN:** Ensures robust performance under dynamic conditions.
- **C3 Internal Clearance:** Allows for thermal expansion and smooth operation.
- **Steel Ball and Race Material:** Provides strength and resistance to wear.

## RS PRO 40mm Double Row Angular Contact Ball Bearing, Sealed

RS Stock No: 291-576



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. Featuring a double row angular contact design, it is ideal for handling both radial and axial loads, making it suitable for various industrial uses. The sealed construction ensures protection against contaminants, extending the bearing's lifespan.

## General Specifications

Ball Material	Steel
Bearing Type	Double Row Angular Contact Ball
Bore Type	Parallel
Cage Material	Polyamide
Contact Angle	40 °
Dynamic Load Rating	47.5 kN
End Type	Sealed
Internal Clearance	C3
Limiting Speed	5600 rpm
Number of Rows	2
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	30.2 mm
Static Load Rating	34 kN

## Mechanical Specifications

Inside Diameter	40 mm
Outside Diameter	80 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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