

FEATURES

- **Single Row Angular Contact Design:** Provides high axial and radial load capacity, enhancing performance in demanding applications.
- **40° Contact Angle:** Optimises load distribution, improving efficiency and longevity.
- **Steel Ball Material:** Ensures durability and resistance to wear, extending the bearing's service life.
- **Polymer Cage Material:** Reduces friction and heat generation, contributing to smoother operation.
- **Dynamic Load Rating of 10.4 kN:** Supports significant dynamic loads, making it suitable for high-stress environments.
- **Limiting Speed of 20000 rpm:** Allows for high-speed applications, increasing versatility.
- **Open End Type:** Facilitates easy maintenance and lubrication, ensuring consistent performance.

RS PRO 17 mm Single Row Angular Contact Ball Bearing

RS Stock No: 291-624



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 precise load handling and high rotational speeds. With a 17 mm inside diameter and a 40 mm outside diameter, it is ideal for use in machinery where space is limited but performance is critical.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Angular Contact Ball
Bore Type	Parallel
Cage Material	Polymer
Contact Angle	40 °
Dynamic Load Rating	10.4 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	20000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	12 mm
Static Load Rating	5.5 kN

Mechanical Specifications

Inside Diameter	17 mm
Outside Diameter	40 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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