

FEATURES

- **Steel Ball Material:** Provides excellent strength and wear resistance
- **Single Row Deep Groove Design:** Enhances load capacity and operational efficiency
- **Cylindrical Bore Type:** Facilitates easy installation and alignment
- **Steel Cage Material:** Offers robust support and maintains ball spacing
- **Dynamic Load Rating of 1.72 kN:** Ensures high performance under dynamic conditions
- **Open End Type:** Allows for easy lubrication and maintenance
- **Limiting Speed of 48000 rpm:** Suitable for high-speed applications

RS PRO 10 mm Cylindrical Ball Bearing, Steel Cage

RS Stock No: 291-634



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-speed and high-precision applications. With a cylindrical bore and steel cage, it ensures durability and reliability in demanding environments. Ideal for reducing friction and supporting radial loads, this bearing is a key component in machinery and equipment.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Steel
Dynamic Load Rating	1.72 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	48000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	5 mm
Static Load Rating	0.83 kN

Mechanical Specifications

Inside Diameter	10 mm
Outside Diameter	19 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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