

FEATURES

- **Steel ball material:** Offers high strength and durability for extended service life
- **Single row deep groove design:** Ensures smooth operation and efficient load distribution
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage material:** Provides stability and reduces friction
- **Dynamic load rating of 4.03 kN:** Supports high dynamic loads for versatile applications
- **Limiting speed of 28000 rpm:** Suitable for high-speed operations
- **Open end type:** Allows for easy maintenance and lubrication

RS PRO Steel Single Row Deep Groove Ball Bearing

RS Stock No: 291-640



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 applications, providing reliable performance in various industrial settings. Its single row deep groove design ensures smooth operation and efficient load handling, making it ideal for machinery and equipment requiring precision and durability.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	4.03 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	28000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	2.32 kN

Mechanical Specifications

Inside Diameter	20 mm
Outside Diameter	32 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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