

FEATURES

- **Steel ball material:** Provides strength and resistance to wear and tear
- **Single row deep groove design:** Enhances load handling capabilities
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage material:** Offers stability and reduces friction
- **Dynamic load rating of 9.95 kN:** Supports high dynamic loads effectively
- **Shielded end type:** Protects against contamination and extends bearing life
- **Limiting speed of 24000 rpm:** Suitable for high-speed applications

RS PRO Steel Single Row Deep Groove Ball Bearing, 20 mm Bore

RS Stock No: 291-595



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. It features a single row deep groove design, making it ideal for handling radial and axial loads efficiently. The steel construction ensures durability and reliability in demanding environments.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	9.95 kN
End Type	Shielded
Internal Clearance	CN
Limiting Speed	24000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	12 mm
Static Load Rating	5 kN

Mechanical Specifications

Inside Diameter	20 mm
Outside Diameter	42 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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