

FEATURES

- **Steel ball material:** Offers durability and resistance to wear
- **Single row deep groove design:** Supports radial and axial loads efficiently
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage material:** Provides stability and reduces friction
- **Dynamic load rating of 6.37 kN:** Suitable for demanding applications
- **Shielded end type:** Protects against dust and debris
- **Limiting speed of 28000 rpm:** Ensures high-speed operation

RS PRO Steel Single Row Deep Groove Ball Bearing, 17 mm Bore

RS Stock No: 291-594



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 steel single row deep groove ball bearing is designed for high-speed and high-load applications. With a 17 mm bore and a cylindrical design, it provides reliable performance in various industrial settings. The shielded end type ensures protection against contaminants, enhancing the bearing's longevity.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	6.37 kN
End Type	Shielded
Internal Clearance	CN
Limiting Speed	28000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	10 mm
Static Load Rating	3.25 kN

Mechanical Specifications

Inside Diameter	17 mm
Outside Diameter	35 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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