

## FEATURES

- **Steel Ball Material:** Offers high strength and resistance to wear, ensuring longevity.
- **Single Row Deep Groove Design:** Provides excellent load carrying capacity and operational efficiency.
- **Parallel Bore Type:** Ensures precise alignment and easy installation.
- **Steel Cage Material:** Enhances durability and maintains ball separation for smooth operation.
- **Dynamic Load Rating of 17600 N:** Capable of handling significant operational loads.
- **Double Shielded End Type:** Protects against contamination and retains lubrication, reducing maintenance needs.
- **C3 Internal Clearance:** Allows for thermal expansion and high-speed performance.
- **Limiting Speed of 13000 rpm:** Suitable for high-speed applications.

## RS PRO 35 mm Single Row Deep Groove Ball Bearing

RS Stock No: 291-599



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, providing reliable operation in various industrial settings. Its primary use is to support radial and axial loads, ensuring smooth rotational movement in machinery. The main benefit of this bearing is its durability and efficiency in high-speed environments.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	17600 N
End Type	Double Shielded
Internal Clearance	C3
Limiting Speed	13000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	14 mm
Static Load Rating	10300 N

## Mechanical Specifications

Inside Diameter	35 mm
Outside Diameter	62 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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