

FEATURES

- **Steel ball material:** Provides strength and resistance to wear
- **Single row deep groove design:** Ensures efficient load distribution and smooth operation
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage material:** Enhances durability and maintains ball separation
- **Dynamic load rating of 4.75 kN:** Supports high load capacity
- **Open end type:** Allows for easy maintenance and lubrication
- **Limiting speed of 18000 rpm:** Suitable for high-speed applications

RS PRO Steel Single Row Deep Groove Ball Bearing, 35 mm Bore

RS Stock No: 291-645



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 steel construction, it offers durability and reliability in various industrial settings. The single row deep groove design ensures efficient load handling, making it ideal for machinery and equipment requiring smooth rotational movement.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	4.75 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	18000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	3.2 kN

Mechanical Specifications

Inside Diameter	35 mm
Outside Diameter	47 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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