

FEATURES

- **Steel ball material:** Ensures durability and resistance to wear
- **Single row deep groove design:** Provides high radial load capacity and efficient operation
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage material:** Enhances stability and reduces friction
- **Dynamic load rating of 4.36 kN:** Supports significant operational loads
- **Open end type:** Allows for easy maintenance and lubrication
- **Limiting speed of 24000 rpm:** Suitable for high-speed applications

RS PRO Steel Single Row Deep Groove Ball Bearing, 25 mm Bore

RS Stock No: 291-642



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, offering reliable operation and durability. It is ideal for use in machinery where smooth, efficient motion is required, providing excellent load handling and speed capabilities.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	4.36 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	24000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	2.6 kN

Mechanical Specifications

Inside Diameter	25 mm
Outside Diameter	37 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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