

## FEATURES

- **Steel Ball Material:** Provides durability and resistance to wear
- **Single Row Deep Groove Design:** Ensures efficient load handling and smooth rotation
- **Cylindrical Bore Type:** Facilitates easy installation and alignment
- **Sheet Metal Cage Material:** Offers stability and maintains ball spacing
- **Double Shielded End Type:** Protects against contamination and retains lubrication
- **High Limiting Speed of 60000 rpm:** Suitable for high-speed applications
- **Dynamic Load Rating of 0.46 kN:** Supports dynamic loads effectively
- **Static Load Rating of 0.14 kN:** Handles static loads with ease

## RS PRO Steel Single Row Deep Groove Ball Bearing, 5mm Bore

RS Stock No: 291-621



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 applications, offering reliable performance with a compact design. Ideal for use in machinery where space is limited, it ensures smooth operation and longevity.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	0.46 kN
End Type	Double Shielded
Internal Clearance	CN
Limiting Speed	60000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	5 mm
Static Load Rating	0.14 kN

## Mechanical Specifications

Inside Diameter	5 mm
Outside Diameter	11 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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