

## FEATURES

- **Steel ball material:** Provides durability and resistance to wear
- **Single row deep groove design:** Offers high load capacity and smooth operation
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage material:** Ensures stability and reduces noise
- **Dynamic load rating of 29.6 kN:** Supports heavy loads effectively
- **Double shielded end type:** Protects against contaminants and extends bearing life
- **Limiting speed of 8000 rpm:** Suitable for high-speed applications

## RS PRO 55 mm Cylindrical Ball Bearing, Double Shielded

RS Stock No: 291-602



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 requiring reliable rotation and load handling. With a cylindrical bore and double shielded end type, it ensures efficient operation in demanding environments. Ideal for reducing friction and wear, this ball bearing enhances the longevity of machinery.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	29.6 kN
End Type	Double Shielded
Internal Clearance	CN
Limiting Speed	8000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	18 mm
Static Load Rating	21.2 kN

## Mechanical Specifications

Inside Diameter	55 mm
Outside Diameter	90 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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