

## RS PRO Steel Sealed Ball Bearing, 50mm ID

RS Stock No: 291-674

### FEATURES

- **Steel ball material:** Offers durability and resistance to wear, ensuring long service life
- **Single row deep groove design:** Provides efficient load handling and smooth operation
- **Sealed end type:** Protects against contamination, reducing maintenance needs
- **Dynamic load rating of 6.6 kN:** Supports high load capacity for demanding applications
- **Limiting speed of 9600 rpm:** Allows for high-speed operation without compromising performance
- **Steel cage material:** Enhances strength and stability under load
- **Internal clearance CN:** Ensures optimal performance with standard clearance



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. With a 50mm inside diameter and a sealed end type, it ensures minimal maintenance and extended lifespan, making it ideal for demanding environments.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	6.6 kN
End Type	Sealed
Internal Clearance	CN
Limiting Speed	9600 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	7 mm
Static Load Rating	6.1 kN

## Mechanical Specifications

Inside Diameter	50 mm
Outside Diameter	65 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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