

## FEATURES

- **Deep Groove Design:** Enhances load capacity and accommodates radial and axial loads.
- **Steel Ball Material:** Provides strength and resistance to wear and tear.
- **Double Shielded End Type:** Protects against contamination, extending bearing life.
- **Dynamic Load Rating of 1.61 kN:** Supports dynamic applications with ease.
- **Limiting Speed of 45000 rpm:** Suitable for high-speed operations.
- **Steel Cage Material:** Ensures stability and alignment of balls.

## RS PRO 7 mm Deep Groove Ball Bearing, Double Shielded

RS Stock No: 291-696



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 deep groove ball bearing is designed for high-speed applications, offering reliable performance and durability. With a 7 mm inside diameter and double shielded end type, it is ideal for reducing friction in rotating parts, ensuring smooth operation and longevity.

## General Specifications

Ball Material	Steel
Bearing Type	Deep Groove
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	1.61 kN
End Type	Double Shielded
Internal Clearance	CN
Limiting Speed	45000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	5 mm
Static Load Rating	0.71 kN

## Mechanical Specifications

Inside Diameter	7 mm
Outside Diameter	17 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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