

## FEATURES

- **Steel Ball Material:** Provides strength and resistance to wear, ensuring long-lasting performance.
- **Single Row Deep Groove Design:** Offers high load capacity and supports both radial and axial loads.
- **Parallel Bore Type:** Ensures precise alignment and easy installation.
- **Steel Cage Material:** Enhances durability and maintains ball separation for reduced friction.
- **Double Shielded End Type:** Protects against contamination and retains lubrication for extended bearing life.
- **High Dynamic Load Rating of 2.7 kN:** Suitable for demanding applications with significant load requirements.
- **Limiting Speed of 41000 rpm:** Supports high-speed operations without compromising performance.

## RS PRO Steel Single Row Deep Groove Ball Bearing, 10 mm Bore

RS Stock No: 291-702



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 and offers reliable performance in various industrial settings. With a focus on durability and efficiency, it is ideal for use in machinery where smooth operation and longevity are critical.

## General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	2.7 kN
End Type	Double Shielded
Internal Clearance	CN
Limiting Speed	41000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	6 mm
Static Load Rating	1.25 kN

## Mechanical Specifications

Inside Diameter	10 mm
Outside Diameter	22 mm

## Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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