

FEATURES

- **Steel ball material:** Provides strength and resistance to wear, ensuring long-lasting performance
- **Single row deep groove design:** Allows for efficient handling of radial and axial loads
- **Cylindrical bore type:** Facilitates easy installation and alignment
- **Sheet metal cage:** Enhances stability and reduces friction for smoother operation
- **Dynamic load rating of 1.74 kN:** Supports high load capacity for demanding applications
- **Open end type:** Allows for easy maintenance and lubrication
- **Limiting speed of 43000 rpm:** Suitable for high-speed applications

RS PRO 12 mm Cylindrical Ball Bearing, Steel Construction

RS Stock No: 291-636



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 its steel construction. Ideal for use in machinery and equipment where smooth and efficient motion is required, this bearing ensures durability and precision.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Cylindrical
Cage Material	Sheet Metal
Dynamic Load Rating	1.74 kN
End Type	Open
Internal Clearance	CN
Limiting Speed	43000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	5 mm
Static Load Rating	0.91 kN

Mechanical Specifications

Inside Diameter	12 mm
Outside Diameter	21 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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