

FEATURES

- **Self-Aligning Design:** Compensates for misalignment and shaft deflections, reducing maintenance needs.
- **Steel Ball Material:** Provides high strength and resistance to wear, ensuring long service life.
- **Polymer Cage:** Offers lightweight construction and reduces friction, improving efficiency.
- **Sealed End Type:** Protects against dust and debris, enhancing bearing longevity.
- **Dynamic Load Rating of 6.24 kN:** Supports high dynamic loads, suitable for various applications.
- **Limiting Speed of 16000 rpm:** Allows for high-speed operations, increasing versatility.

RS PRO 12mm Self-Aligning Ball Bearing, Steel Race

RS Stock No: 291-654



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 self-aligning ball bearing is designed to accommodate misalignment and shaft deflections, making it ideal for applications where alignment is a challenge. With a steel race and polymer cage, it offers durability and reliability in demanding environments. The sealed end type ensures protection against contaminants, enhancing longevity and performance.

General Specifications

Ball Material	Steel
Bearing Type	Self-Aligning
Bore Type	Parallel
Cage Material	Polymer
Dynamic Load Rating	6.24 kN
End Type	Sealed
Internal Clearance	CN
Limiting Speed	16000 rpm
Number of Rows	2
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	14 mm
Static Load Rating	1.43 kN

Mechanical Specifications

Inside Diameter	12 mm
Outside Diameter	32 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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