

FEATURES

- **Steel Ball Material:** Offers durability and resistance to wear, ensuring long-lasting performance.
- **Single Row Deep Groove Design:** Facilitates high-speed operation and efficient load distribution.
- **Sealed End Type:** Protects against dust and moisture, reducing maintenance needs.
- **Dynamic Load Rating of 2.25 kN:** Supports substantial dynamic loads, enhancing operational reliability.
- **Limiting Speed of 25000 rpm:** Suitable for high-speed applications, increasing versatility.
- **Steel Cage Material:** Provides robust support and stability to the bearing structure.
- **Parallel Bore Type:** Ensures precise alignment and easy installation.

RS PRO 8mm Single Row Deep Groove Ball Bearing, Sealed

RS Stock No: 291-698



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, providing reliable performance in various industrial settings. With a sealed end type, it ensures protection against contaminants, extending the lifespan of the bearing. Ideal for machinery requiring efficient load handling and smooth operation.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	2.25 kN
End Type	Sealed
Internal Clearance	CN
Limiting Speed	25000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	6 mm
Static Load Rating	0.91 kN

Mechanical Specifications

Inside Diameter	8 mm
Outside Diameter	19 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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