

FEATURES

- **Steel Ball Material:** Ensures high strength and resistance to wear
- **Single Row Deep Groove Design:** Provides excellent radial load capacity
- **Parallel Bore Type:** Facilitates easy installation and alignment
- **Steel Cage Material:** Enhances durability and performance under high-speed conditions
- **Dynamic Load Rating of 18400 N:** Supports heavy-duty applications
- **Double Shielded End Type:** Offers protection against contaminants and reduces maintenance
- **C3 Internal Clearance:** Allows for thermal expansion and smooth operation
- **Limiting Speed of 12000 rpm:** Suitable for high-speed applications

RS PRO 40 mm Single Row Deep Groove Ball Bearing

RS Stock No: 291-601



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-performance applications requiring reliable and efficient motion control. With a robust steel construction, it is ideal for use in environments where durability and longevity are essential.

General Specifications

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| Ball Material | Steel |
| Bearing Type | Single Row Deep Groove Ball |
| Bore Type | Parallel |
| Cage Material | Steel |
| Dynamic Load Rating | 18400 N |
| End Type | Double Shielded |
| Internal Clearance | C3 |
| Limiting Speed | 12000 rpm |
| Number of Rows | 1 |
| Product Type | Ball Bearing |
| Race Material | Steel |
| Race Type | Plain |
| Race Width | 15 mm |
| Static Load Rating | 11500 N |

Mechanical Specifications

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| Inside Diameter | 40 mm |
| Outside Diameter | 68 mm |

Approvals

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| Standards/Approvals | ANSI-ESD S20.20:2021 |
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