

FEATURES

- **Sintered Bronze Material:** Provides high strength and wear resistance, ensuring long service life
- **Dynamic Load Rating of 14 N/mm²:** Suitable for applications with varying loads, maintaining performance under stress
- **Static Load Rating of 50 N/mm²:** Capable of handling high static loads, enhancing reliability in stationary applications
- **Flanged Design:** Facilitates easy installation and alignment, reducing setup time
- **Bore Size of 45.04 mm:** Compatible with a wide range of shafts, offering versatility
- **Outside Diameter of 55.09 mm:** Ensures a snug fit in housing, preventing movement during operation

RS PRO 45.04 mm Flanged Plain Bearing

RS Stock No: 518-253



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 flanged plain bearing is designed for applications requiring smooth rotational or linear motion with minimal friction. Made from sintered bronze, it offers excellent durability and performance in various industrial settings. The bearing's primary benefit is its ability to handle both dynamic and static loads efficiently, making it ideal for heavy-duty applications.

General Specifications

Bore Size	45.04 mm
Dynamic Load Rating	14 N/mm ²
Product Type	Plain Bearing
Static Load Rating	50 N/mm ²
Sub Type	Flanged

Mechanical Specifications

Material	Sintered Bronze
Outside Diameter	55.09 mm
Width	35 mm

Approvals

Standards/Approvals	ISO 2795, ISO 9001:2008, UKAS 001
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