

Features

- **Deep Groove Ball Bearing Design**
- **Pressed Steel Cage**
- **Both Sides Shielded**

RS PRO Ball Bearings

RS Stock No.: 0291651



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Product Description

Single row deep groove ball bearings are the most widely used bearing type and are particularly versatile. They have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They can accommodate radial and axial loads in both directions, are easy to mount, and require less maintenance than many other bearing types.

A shielded Bearing is used in any environment where contamination is not a major issue. Usually specified for applications where the designer desires low starting and running torque as well as enclosing the bearing limiting the ingress of minor contaminants such as dust.

General Specifications

Ball Bearing Type	Single Row Deep Groove Ball Bearing
Sealing Arrangement	Both Sides Shielded
Number of Rows	1
Material	Steel
Ball Material	Steel
Cage Material	Steel
Race Material	Steel
Race Type	Plain
Bore Type	Parallel
Seals / Shields	Shielded
Clearance	CN
Bearing Series	2 Light

Mechanical Specifications

Inside Diameter (d)	25mm
Outside Diameter (D)	47mm
Race Width (B)	8mm
Static Load Rating	5.6kN
Dynamic Load Rating	8.85kN
Limiting Speed	18000 r/min
Mass	0.05 Kg

