

## Features

- Deep Groove Ball Bearing Design
- Pressed Steel Cage
- Open Design

## RS PRO Ball Bearings

RS Stock No.: 0291642



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

A Comprehensive range of Deep Groove Ball Bearings offering versatility and overall high performance. Deep Groove Ball Bearings are the most widely used bearing and are utilised in a huge variety of applications, environments, and sectors.

An Open bearing usually operates in an environment where the bearing is immersed in fluids such as lubrication oil. Open bearings do not have seals or shields, and they expose the inner raceways, cages, and balls to the environment.

## General Specifications

|                            |               |
|----------------------------|---------------|
| <b>Ball Bearing Type</b>   | Deep Groove   |
| <b>Sealing Arrangement</b> | Open Type     |
| <b>Number of Rows</b>      | 1             |
| <b>Material</b>            | Steel         |
| <b>Ball Material</b>       | Steel         |
| <b>Cage Material</b>       | Steel         |
| <b>Race Material</b>       | Steel         |
| <b>Race Type</b>           | Plain         |
| <b>Bore Type</b>           | Parallel      |
| <b>Seals / Shields</b>     | Open          |
| <b>Bearing Clearance</b>   | CN            |
| <b>Lubrication</b>         | None Supplied |
| <b>Bearing Series</b>      | 0 Extra Light |

## Mechanical Specifications

|                             |             |
|-----------------------------|-------------|
| <b>Inside Diameter (d)</b>  | 25mm        |
| <b>Outside Diameter (D)</b> | 37mm        |
| <b>Race Width (B)</b>       | 7mm         |
| <b>Static Load Rating</b>   | 2.95kN      |
| <b>Dynamic Load Rating</b>  | 4.3kN       |
| <b>Limiting Speed</b>       | 21000 r/min |
| <b>Mass</b>                 | 0.002 Kg    |

