

6310-2RS1/W64

Deep groove ball bearing

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.

- Simple, versatile and robust design
- Low friction
- High-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance



Overview

Dimensions

Bore diameter	50 mm
Outside diameter	110 mm
Width	27 mm

Performance

Basic dynamic load rating	65 kN
Basic static load rating	38 kN
Limiting speed	2 900 r/min
Note	Limiting speed at 20 °C (70 °F) ambient temperature
Maximum operating temperature	85 °C

Properties

Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	None
Bore type	Cylindrical
Cage	Sheet metal
Matched arrangement	No
Radial internal clearance	CN
Material, bearing	Bearing steel
Coating	Without
Lubricant	Solid Oil
Relubrication feature	Without

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