



# 6004/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	20 mm
Outside diameter	42 mm

### Performance

Limiting speed	9 600 r/min
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Note Limiting speed at 20 °C (70 °F) ambient temperature

### Properties

Bore type	Cylindrical
Cage	Sheet metal
Coating	Without
Filling slots	Without
Locating feature, bearing outer ring	None
Lubricant	Solid Oil
Matched arrangement	No
Material, bearing	Bearing steel
Relubrication feature	Without
Sealing	Without

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