



# 6205/C4

## Deep groove ball bearing

Single row deep groove ball bearings are particularly versatile, have low friction and are optimized for low noise and low vibration, which enables high rotational speeds. They 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	25 mm
Outside diameter	52 mm
Width	15 mm

### Performance

Basic dynamic load rating	14.8 kN
Basic static load rating	7.8 kN
Limiting speed	18 000 r/min
Reference speed	28 000 r/min
SKF performance class	SKF Explorer

### Properties

Bore type	Cylindrical
Cage	Sheet metal
Coating	Without
Filling slots	Without
Locating feature, bearing outer ring	None
Lubricant	None
Matched arrangement	No
Material, bearing	Bearing steel
Number of rows	1
Radial internal clearance	C4
Relubrication feature	Without
Sealing	Without

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