



# 6208-2RS1K Deep groove ball bearing with tapered bore and seals on both sides

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Deep groove ball bearings with tapered bore and contact seals on both sides are particularly versatile, and are optimized for low noise and low vibration, which enables high rotational speeds. They accommodate radial and axial loads in both directions and require less maintenance than many other bearing types. The tapered bore facilitates ease of mounting via adapter sleeves or withdrawal sleeves. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

- Ease of mounting via adapter sleeves or withdrawal sleeves
- Integral sealing prolongs bearing service life
- Typical benefits of single row deep groove ball bearings

## Overview

### Dimensions

Bore diameter	40 mm
Outside diameter	80 mm
Width	18 mm

### Performance

Basic dynamic load rating	32.5 kN
Basic static load rating	19 kN
Reference speed	18 000 r/min
Limiting speed	5 600 r/min

### Properties

Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	None
Bore type	Tapered 1:12
Cage	Sheet metal
Matched arrangement	No
Radial internal clearance	CN
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides

Sealing type	Contact
Lubricant	Grease
Relubrication feature	Without

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