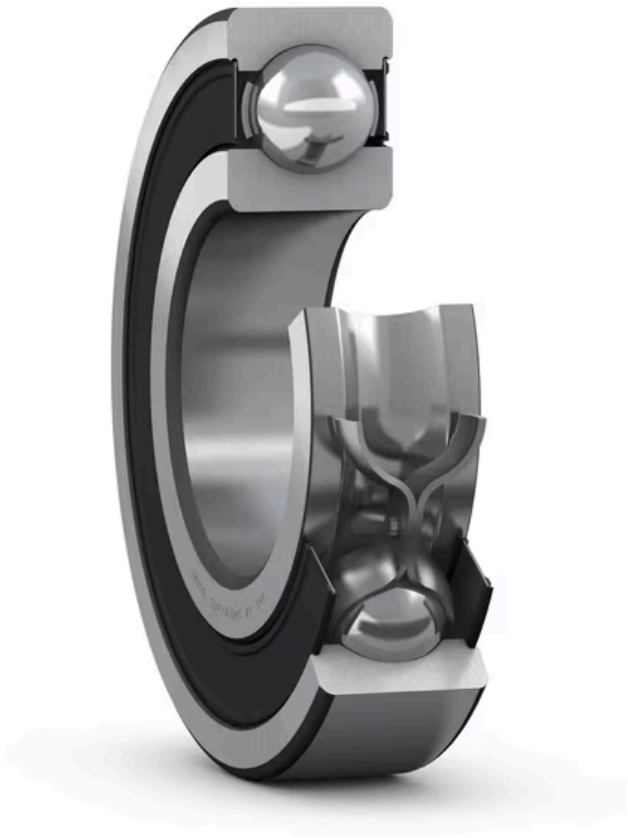


Image may differ from product. See specification for details.

6209-2RS1K

Deep groove ball bearing with tapered bore and seals on both sides

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	45 mm
Outside diameter	85 mm
Width	19 mm

Performance

Basic dynamic load rating	35.1 kN
Basic static load rating	21.6 kN
Reference speed	17 000 r/min
Limiting speed	5 000 r/min

Properties

Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	Without
Bore type	Tapered 1:12
Cage	Sheet metal
Matched arrangement	No
Radial internal clearance	CN
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	Without
Indicative carbon footprint for new product	1.5 kg CO_2e

Logistics

Product net weight	0.415 kg
eClass code	23-05-08-01
UNSPSC code	31171504

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