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6204-2RSH/C4

Deep groove ball bearing with seals

Single row deep groove ball bearings with seals on one or both sides 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 other bearing types. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out. Also available on request with special sized bore and/or outside diameters, suitable for reworked shafts and housings.

- Integral sealing prolongs bearing service life
- Simple, versatile and robust design
- Low friction and high-speed capability
- Accommodate radial and axial loads in both directions
- Require little maintenance

Overview

Dimensions

Bore diameter	20 mm
Outside diameter	47 mm
Width	14 mm

Performance

Basic dynamic load rating	13.5 kN
Basic static load rating	6.55 kN
Reference speed	32 000 r/min
Limiting speed	10 000 r/min
SKF performance class	SKF Explorer

Properties

Filling slots	Without
Number of rows	1
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Sheet metal
Matched arrangement	No
Radial internal clearance	C4
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Low-friction
Lubricant	Grease
Relubrication feature	Without
Indicative carbon footprint for new product	0.39 kg CO_2e

Logistics

Product net weight	0.106 kg
eClass code	23-05-08-01
UNSPSC code	31171504

Compatible products

Mounting tool

Bearing fitting tool kit	TMFT 36
Bearing fitting tool kit, PRO version	TMFT 36/PRO

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