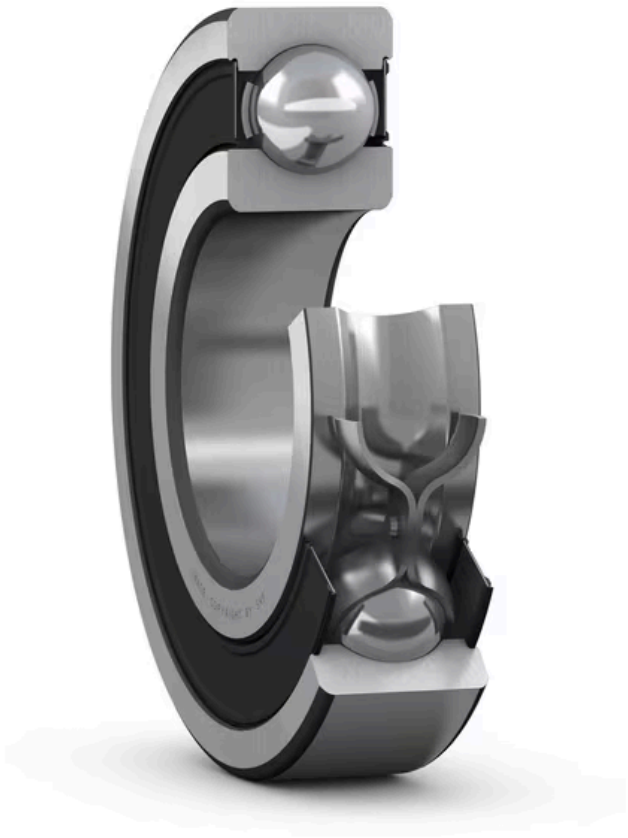

Image may differ from product. See specification for details.

RLS 10-2RS1

Deep groove ball bearing with seals or shields

Single row deep groove ball bearings with seals or shields 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. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

- 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	31.75 mm
Outside diameter	69.85 mm
Width	17.462 mm

Performance

Basic dynamic load rating	22.5 kN
Basic static load rating	13.2 kN
Limiting speed	7 000 r/min

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	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	1.06 kg CO_2e

Logistics

Product net weight	0.294 kg
eClass code	23-05-08-01
UNSPSC code	31171504

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