

6202-2ZNR



Deep groove ball bearing with snap ring and integral sealing

Single row deep groove ball bearing, with snap ring groove and seals or shields 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 snap ring, fitted in an annular groove in the outer ring, facilitates axial location of the bearings within their housings. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

- Snap ring facilitates axial location within housing
- Integral sealing prolongs bearing service life
- Typical benefits of single row deep groove ball bearings

Overview

Dimensions

| | |
|------------------|-------|
| Bore diameter | 15 mm |
| Outside diameter | 35 mm |
| Width | 11 mm |

Performance

| | |
|---------------------------|--------------|
| Basic dynamic load rating | 8.06 kN |
| Basic static load rating | 3.75 kN |
| Limiting speed | 22 000 r/min |
| Reference speed | 43 000 r/min |
| SKF performance class | SKF Explorer |

Properties

| | |
|--------------------------------------|--------------------|
| Bore type | Cylindrical |
| Cage | Sheet metal |
| Coating | Without |
| Filling slots | Without |
| Locating feature, bearing outer ring | Snap ring (fitted) |
| Lubricant | Grease |
| Matched arrangement | No |
| Material, bearing | Bearing steel |
| Number of rows | 1 |
| Radial internal clearance | CN |
| Relubrication feature | Without |

Sealing

Shield on both sides

Sealing type

Non-contact

Technical Specification

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