

# 1726207-2RS1

## Insert bearing, with standard IR, sealed 2RS1

Insert bearings are based on sealed deep groove ball bearings. These insert bearings are suitable for applications where smooth running is a key operational parameter. It can accommodate heavier axial loads than any other insert bearing. The bearings are seald on both sides, made of sheet steel reinforced NBR, and are fitted in a recess on the outer ring and ride against the inner ring shoulder to act as contact seals.

- Smooth running
- Can accommodate havy axial loads
- Seald on both sides

## Overview

### Dimensions

| | |
|---|---|
| Bore diameter | 35 mm |
| Outside diameter | 72 mm |
| Width, inner ring | 17 mm |
| Width, outer ring | 17 mm |
| Width, total | 17 mm |

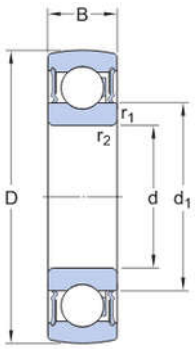
### Performance

| | |
|---|---|
| Basic dynamic load rating | 25.5 kN |
| Basic static load rating | 15.3 kN |
| Limiting speed | 6 300 r/min |

### Properties

| | |
|---|---|
| Bore type | Cylindrical |
| Cage | Non-metallic |
| Coating | Without |
| Inner ring extension | None (standard ring) |
| Lubricant | Grease |
| Material, bearing | Bearing steel |
| Outer ring type | Spherical |
| Relubrication feature | Without |
| Retaining feature, inner ring | Interference fit |
| Rolling elements | Balls |
| Rubber seating ring | Without |
| Sealing | Seal on both sides |
| Sealing type | Contact, RS1 |

# Technical Specification




## Dimensions

| | | |
|---|---|---|
| d | 35 mm | Bore diameter |
| D | 72 mm | Outside diameter |
| B | 17 mm | Width of inner ring |
| $d_1$ | ≈ 46.94 mm | Outside diameter of inner ring |
| $r_{1,2}$ | min. 1.1 mm | Chamfer dimension of inner ring |

## Calculation data

| | | |
|---|---|---|
| Basic dynamic load rating | C | 25.5 kN |
| Basic static load rating | $C_0$ | 15.3 kN |
| Fatigue load limit | $P_u$ | 0.655 kN |
| Limiting speed1) | | 6 300 r/min |
| Calculation factor | $f_0$ | 14 |

## Mass

| | |
|---|---|
| Mass | 0.28 kg |

## Associated products

| | |
|---|---|
| Rubber seating ring | RIS 207 A |

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