

Image may differ from product. See technical specification for details.

# 3207 ATN9/C2

## Double row angular contact ball bearing

Double row angular contact ball bearings correspond, in their design and operation, to a pair of single row angular contact ball bearings in a back-to-back arrangement, while requiring less axial space. They can operate at high speeds and are more suitable than deep groove ball bearings for supporting large axial forces in both directions.

- High-speed capability
- Accommodate relatively high radial loads, high axial loads in both directions and tilting moments
- Suitable where a stiff bearing arrangement is required
- Require less axial space than equivalent pair of single row angular contact ball bearings

# Overview

## Dimensions

| | |
|---|---|
| Bore diameter | 35 mm |
| Outside diameter | 72 mm |
| Width | 27 mm |
| Contact angle | 30 ° |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 40.5 kN |
| Basic static load rating | 30 kN |
| Reference speed | 9 000 r/min |
| Limiting speed | 9 000 r/min |
| SKF performance class | SKF Explorer |

## Properties

| | |
|---|---|
| Contact type | Normal contact (two-point contact) |
| Number of rows | 2 |
| Locating feature, bearing outer ring | None |
| Ring type | One-piece inner and outer rings |
| Cage | Non-metallic |
| Arrangement of contact angle (double-row bearing) | Back-to-back (O) |
| Matched arrangement | No |
| Universal matching bearing | No |
| Axial internal clearance | C2 |
| Material, bearing | Bearing steel |
| Coating | Without |
| Sealing | Without |
| Lubricant | None |
| Relubrication feature | Without |

## Logistics

| | |
|---|---|
| Product net weight | 0.434 kg |
| eClass code | 23-05-08-03 |

| | |
|---|---|
| UNSPSC code | 31171531 |

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