

# 3309 A-2RS1/C3MT33

## Double row angular contact ball bearing with seals on both sides

Double row angular contact ball bearings, with seals on both sides, correspond to a pair of single row angular contact ball bearings in a back-to-back arrangement, while requiring less axial space. Depending on the sealing execution, 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
- Integral sealing prolongs bearing service life



## Overview

### Dimensions

Bore diameter	45 mm
Contact angle	30 °
Outside diameter	100 mm
Width	39.7 mm

### Performance

Basic dynamic load rating	75 kN
Basic static load rating	53 kN
Limiting speed	4 800 r/min
SKF performance class	SKF Explorer

## Properties

Arrangement of contact angle (double-row bearing)	Back-to-back (0)
Axial internal clearance	C3
Cage	Sheet metal
Coating	Without
Contact type	Normal contact (two-point contact)
Locating feature, bearing outer ring	None
Lubricant	None
Matched arrangement	No
Material, bearing	Bearing steel

Number of rows	2
Relubrication feature	Without
Ring type	One-piece inner and outer rings
Sealing	Seal on both sides
Sealing type	Contact
Universal matching bearing	No

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