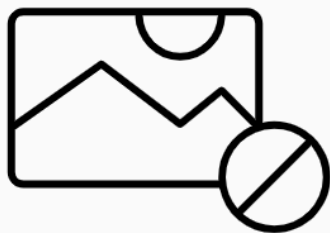


3308 ANR



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, and are particularly suitable in applications where a stiff bearing arrangement is required. They can accommodate radial loads, axial loads in either direction and tilting moments. They can operate at very high speeds and are more suitable than deep groove ball bearings for supporting large axial forces.

- High-speed capability
- Accommodate relatively high radial loads and large axial loads in both directions
- 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	40 mm
Contact angle	30 °
Outside diameter	90 mm
Width	36.5 mm

Performance

Basic dynamic load rating	65.5 kN
Basic static load rating	48 kN
Limiting speed	7 500 r/min
Reference speed	7 500 r/min
SKF performance class	SKF Explorer

Properties

Arrangement of contact angle (double-row bearing)	Back-to-back (0)
Axial internal clearance	CN
Cage	Sheet metal
Coating	Without
Contact type	Normal contact (two-point contact)
Locating feature, bearing outer ring	Snap ring (fitted)
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	Without
Universal matching bearing	No

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