

# QJ 209/C2

## Four-point contact ball bearing

Four-point contact ball bearings can accommodate high axial loads in both directions and small radial loads. They can operate at very high speeds and are more suitable than deep groove ball bearings for supporting large axial forces. The outer ring, with ball and cage assembly, can be mounted separately from the two inner ring halves.

- High-speed capability
- Accommodate high axial loads in both directions and small radial loads
- Require considerably less axial space than double row angular contact ball bearings



## Overview

### Dimensions

Bore diameter	45 mm
Contact angle	35 °
Outside diameter	85 mm
Width	19 mm

### Performance

Basic dynamic load rating	65 kN
Basic static load rating	58.5 kN
Limiting speed	14 000 r/min

### Properties

Axial internal clearance	C2
Cage	Sheet metal
Coating	Without
Contact type	Four-point contact
Locating feature, bearing outer ring	None
Lubricant	None
Matched arrangement	No
Material, bearing	Bearing steel
Number of rows	1
Relubrication feature	Without
Ring type	Two-piece inner ring and one-piece outer ring
Sealing	Without

Universal  
matching  
bearing

No

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