



QJ 209 MA/C3

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	63 kN
Basic static load rating	56 kN
Limiting speed	14 000 r/min
SKF performance class	SKF Explorer

Properties

Axial internal clearance	C3
Cage	Machined 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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