



QJ 210 MA

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 | 50 mm |
| Contact angle | 35 ° |
| Outside diameter | 90 mm |
| Width | 20 mm |

Performance

| | |
|---------------------------|--------------|
| Basic dynamic load rating | 65.5 kN |
| Basic static load rating | 61 kN |
| Limiting speed | 13 000 r/min |
| SKF performance class | SKF Explorer |

Properties

| | |
|--------------------------------------|---|
| Axial internal clearance | CN |
| 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

Technical Specification

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