

Image may differ from product. See technical specification for details.

# QJ 230 N2MA/C3

## Four-point contact ball bearing with locating slots

Four-point contact ball bearings with locating slots 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. The locating slots can be used to prevent the outer ring from rotating.

- 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
- The locating slots can be used to prevent the outer ring from rotating

# Overview

## Dimensions

| | |
|---|---|
| Bore diameter | 150 mm |
| Outside diameter | 270 mm |
| Width | 45 mm |
| Contact angle | 35 ° |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 400 kN |
| Basic static load rating | 570 kN |
| Limiting speed | 4 000 r/min |
| SKF performance class | SKF Explorer |

## Properties

| | |
|---|---|
| Contact type | Four-point contact |
| Number of rows | 1 |
| Locating feature, bearing outer ring | Locating slot |
| Ring type | Two-piece inner ring and one-piece outer ring |
| Cage | Machined brass |
| Matched arrangement | No |
| Universal matching bearing | No |
| Axial internal clearance | C3 |
| Material, bearing | Bearing steel |
| Coating | Without |
| Sealing | Without |
| Lubricant | None |
| Relubrication feature | Without |
| Indicative carbon footprint for new product | 43.6 kg $CO_2e$ |

## Logistics

| | |
|---|---|
| Product net weight | 11.8 kg |
| eClass code | 23-05-08-05 |
| UNSPSC code | 31171538 |

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