



# QJ 212 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    | 2.362 in |
| Outside diameter | 4.331 in |
| Width            | 0.866 in |

### Performance

|                           |              |
|---------------------------|--------------|
| Basic dynamic load rating | 21 694 lbf   |
| Basic static load rating  | 20 907 lbf   |
| Limiting speed            | 10 000 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 | Locating slot                                 |
| 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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