



SKF QJ 226 N2MA

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.

Technical specifications

| Dimensions | |
|---|---------|
| Bore diameter | 130 mm |
| Outside diameter | 230 mm |
| Width | 40 mm |
| Shoulder diameter inner ring | 165 mm |
| Shoulder diameter outer ring/ inner diameter housing washer | 195 mm |
| Distance pressure point(s) | 126 mm |
| Locating slot depth outer ring | 11.7 mm |
| Locating slot width outer ring | 10.5 mm |
| Corner radius locating slot | 2 mm |
| Chamfer dimension inner ring | 3 mm |
| Contact angle | 35 ° |

| Abutment dimensions | |
|---------------------------|--------|
| Abutment diameter shaft | 144 mm |
| Abutment diameter housing | 216 mm |
| Fillet radius | 2.5 mm |

| Calculation data | |
|---------------------------|--------------|
| SKF performance class | SKF Explorer |
| Basic dynamic load rating | 310 kN |
| Basic static load rating | 400 kN |
| Fatigue load limit | 12.7 kN |
| Limiting speed | 4800 r/min |
| Calculation factor | 0.41 |
| Limiting value | 0.95 |
| Calculation factor | 0.6 |
| Calculation factor | 0.58 |
| Calculation factor | 0.66 |
| Calculation factor | 1.1 |

| Performance | |
|---------------------------|--------------|
| Basic dynamic load rating | 310 kN |
| Basic static load rating | 400 kN |
| Limiting speed | 4800 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 | CN |
| Material, bearing | Bearing steel |
| Coating | Without |

| | |
|---|---------------------------|
| Sealing | Without |
| Lubricant | None |
| Relubrication feature | Without |
| Indicative carbon footprint for new product | 26.8 kg CO ₂ e |

| Logistics | |
|--------------------|-------------|
| Product net weight | 7.44 kg |
| eClass code | 23-05-08-05 |
| UNSPSC code | 31171538 |

SKF drawings

