

7203 BECBM

Single row angular contact ball bearing

These single row angular contact ball bearings can accommodate radial and axial loads acting simultaneously, where the axial load acts in one direction only. They can operate at high speeds and, depending on the variant, even very high speeds. They are more suitable than deep groove ball bearings for supporting large axial forces acting in one direction.

- High-speed capability
- Accommodate relatively high radial loads and large unilateral axial loads



Overview

Dimensions

| | |
|------------------|-------|
| Bore diameter | 17 mm |
| Contact angle | 40 ° |
| Outside diameter | 40 mm |
| Width | 12 mm |

Performance

| | |
|---------------------------|--------------|
| Basic dynamic load rating | 11 kN |
| Basic static load rating | 5.85 kN |
| Limiting speed | 28 000 r/min |
| Reference speed | 22 000 r/min |
| SKF performance class | SKF Explorer |

Properties

| | |
|--------------------------------------|------------------------------------|
| Axial internal clearance | Not applicable |
| Cage | Machined metal |
| Coating | Without |
| Contact type | Normal contact (two-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 | One-piece inner and outer rings |
| Sealing | Without |
| Universal matching bearing | Yes |

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