

# 7208 BEP

## 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	40 mm
Contact angle	40 °
Outside diameter	80 mm
Width	18 mm

#### Performance

Basic dynamic load rating	34.5 kN
Basic static load rating	24 kN
Limiting speed	10 000 r/min
Reference speed	10 000 r/min

### Properties

Axial internal clearance	Not applicable
Cage	Non-metallic
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	No

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