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7308 BEP/VE295

Single row angular contact ball bearing

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
Outside diameter	90 mm
Width	23 mm
Contact angle	40 °

Performance

Basic dynamic load rating	46.2 kN
Basic static load rating	30.5 kN
Reference speed	10 000 r/min
Limiting speed	9 000 r/min

Properties

Contact type	Normal contact (two-point contact)
Number of rows	1
Locating feature, bearing outer ring	Without
Ring type	One-piece inner and outer rings
Cage	Non-metallic
Universal matching bearing	No
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Indicative carbon footprint for new product	2.3 kg CO_2e

Logistics

Product net weight	0.611 kg
eClass code	23-05-08-03
UNSPSC code	31171531

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