

Image may differ from product. See technical specification for details.

7214 BEM1/VQ335

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	70 mm
Outside diameter	125 mm
Width	24 mm
Contact angle	40 °

Performance

Basic dynamic load rating	67.6 kN
Basic static load rating	56 kN
Reference speed	6 300 r/min
Limiting speed	6 300 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	Machined brass
Matched arrangement	No
Axial internal clearance	Not applicable
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Indicative carbon footprint for new product	4.4 kg CO_2e

Logistics

Product net weight	1.19 kg
eClass code	23-05-08-03
UNSPSC code	31171531

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