

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

2213 E-2RS1KTN9/C3

Self-aligning ball bearing with tapered bore and seals on both sides

Self-aligning ball bearings, with a tapered bore and seals on both sides, have two rows of balls, a common sphered raceway in the outer ring and two deep uninterrupted raceway grooves in the inner ring. They are insensitive to angular misalignment of the shaft relative to the housing. The tapered bore facilitates ease of mounting via adapter/withdrawal sleeves. The integral sealing can prolong bearing service life by keeping lubricant in the bearings and contaminants out.

- Ease of mounting via adapter/withdrawal sleeves
- Accommodate static and dynamic misalignment
- Excellent high-speed and light load performance
- Low friction
- Integral sealing results in reduced maintenance requirements and prolonged bearing service life

Overview

Dimensions

Bore diameter	65 mm
Outside diameter	120 mm
Width	31 mm

Performance

Basic dynamic load rating	35.1 kN
Basic static load rating	14 kN
Reference speed	10 000 r/min
Limiting speed	3 600 r/min

Properties

Retaining feature, inner ring	None
Locating feature, bearing outer ring	None
Number of rows	2
Bore type	Tapered 1:12
Cage	Non-metallic
Radial internal clearance	C3
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	Without

Logistics

Product net weight	1.42 kg
eClass code	23-05-08-06
UNSPSC code	31171532

Compatible products

Recommended product

Withdrawal sleeve, basic design, ISO standards	AH 313 G
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 313
Adapter sleeve with KMFE lock nut, metric dimensions	H 313 E
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HA 313
Adapter sleeve	HA 313 E
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HE 313
Adapter sleeve	HE 313 E
Adapter sleeve with AN or N lock nut and W lock washer, inch dimensions	SNW 13X2.3/16

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