

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

S71914 FE/HCP4ADGA

Matched set of two super-precision, high-speed E design, single row angular contact ball bearings with seals

These matched sets of two super-precision, high-speed, E design, single row angular contact ball bearings with seals are available in a variety of arrangements. Compared to the equivalent SKF B design high-speed bearings, these have a slightly higher speed capability and can accommodate heavier loads.

- Very high running accuracy
- Accommodate very high speeds
- Non-contact seals
- Integral sealing prolongs bearing service life

Overview

Dimensions

Bore diameter	70 mm
Outside diameter	100 mm
Width	32 mm
Contact angle	18 °

Performance

Basic dynamic load rating	37.1 kN
Basic static load rating	31.5 kN
Note	Refer to catalogue data or contact SKF for the attainable speeds

Properties

Contact type	Normal contact (two-point contact)
Number of rows	2
Ring type	One-piece inner and outer rings
Design	High-speed E
Universal matching bearing	Yes, back-to-back (<>), face-to-face (><) or tandem (>>)
Matched arrangement	Universal matching
Number of bearings in matched set	2
Matched condition (axial clearance/ preload)	Light preload
Tolerance class	P4A
Material, bearing	Hybrid (ceramic balls)
Coating	Without
Sealing	Seal on both sides
Sealing type	Non-contact
Lubricant	Grease
Indicative carbon footprint for new product	2.1 kg CO_2e

Logistics

Product net weight	0.569 kg
eClass code	23-05-08-03
UNSPSC code	31171531

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