

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

7014 CE/HCP4AQBCA

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

These sets of four matched super-precision angular contact ball bearings are available as universally matchable bearings or in preconfigured arrangements. Sets of four bearings arranged in tandem need to be mounted against a single bearing, or a set of bearings in tandem, to achieve the desired preload. All the other arrangements are available in different preload classes and correct mounting results in preload within a predetermined range, without the need for shims or similar devices. The bore and outside diameters of the bearings are matched to within a maximum of one-third of the permitted diameter tolerance, to provide better load distribution than single universally matchable bearings.

- Very high running accuracy
- High axial and radial stiffness
- High axial and radial load carrying capacity

Overview

Dimensions

Bore diameter	70 mm
Outside diameter	110 mm
Width	80 mm
Contact angle	15 °

Performance

Basic dynamic load rating	66.3 kN
Basic static load rating	73.5 kN
Note	Refer to catalogue data or contact SKF for the attainable speeds

Properties

Contact type	Normal contact (two-point contact)
Number of rows	4
Ring type	One-piece inner and outer rings
Design	High-speed E
Universal matching bearing	No
Matched arrangement	<<>>
Number of bearings in matched set	4
Matched condition (axial clearance/ preload)	Light preload
Tolerance class	P4A
Material, bearing	Hybrid (ceramic balls)
Coating	Without
Sealing	Without
Lubricant	None
Indicative carbon footprint for new product	8.3 kg CO_2e

Logistics

Product net weight	2.24 kg
eClass code	23-05-08-03
UNSPSC code	31171531

Compatible products

Aftermarket replacement

Matched set of two super-precision, high-speed E design, single row	2 x 7014 CE/HCP4ADGA

angular contact ball bearings

Super-precision, high-speed E design, universally matchable single row angular contact ball bearing	4 x 7014 CEGA/HCP4A *Verify quantity of bearing rows*

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