

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

# 71913 CEGA/HCP4AH1

**Super-precision, high-speed E design, universally matchable single row angular contact ball bearing suitable for direct oil-air lubrication**

These super-precision, high-speed, E design, single row angular contact ball bearings accommodate radial and axial loads acting simultaneously, where the axial load acts in one direction only. They are designed for high-speed operation and, compared to SKF B design high-speed bearings, have a slightly higher speed capability and can accommodate heavier loads. Being universally matchable, they can be used together in arrangements to provide effective load sharing, within a predetermined preload range, without the use of shims or similar devices. They have two lubrication holes in their outer rings.

- Suitable for direct oil-air lubrication
- Very high running accuracy
- Accommodate very high speeds
- Universally matchable

# Overview

## Dimensions

| | |
|---|---|
| Bore diameter | 65 mm |
| Outside diameter | 90 mm |
| Width | 13 mm |
| Contact angle | 15 ° |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 17.4 kN |
| Basic static load rating | 12.2 kN |
| Note | Refer to catalogue data or contact SKF for the attainable speeds |

## Properties

| | |
|---|---|
| Contact type | Normal contact (two-point contact) |
| Number of rows | 1 |
| 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 | No |
| Matched condition (axial clearance/ preload) | Measuring load, class A |
| Tolerance class | P4A |
| Material, bearing | Hybrid (ceramic balls) |
| Coating | Without |
| Sealing | Without |
| Lubricant | None |
| Special feature | Suitable for direct oil-air lubrication |
| Indicative carbon footprint for new product | 0.62 kg $CO_2e$ |

## Logistics

| | |
|---|---|
| Product net weight | 0.168 kg |
| eClass code | 23-05-08-03 |
| UNSPSC code | 31171531 |

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