

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

# S7011 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 | 55 mm |
| Outside diameter | 90 mm |
| Width | 36 mm |
| Contact angle | 18 ° |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 28.1 kN |
| Basic static load rating | 24 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 | 2.8 kg $CO_2$e |

## Logistics

| | |
|---|---|
| Product net weight | 0.759 kg |
| eClass code | 23-05-08-03 |
| UNSPSC code | 31171531 |

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