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# data sheet

## general data/description

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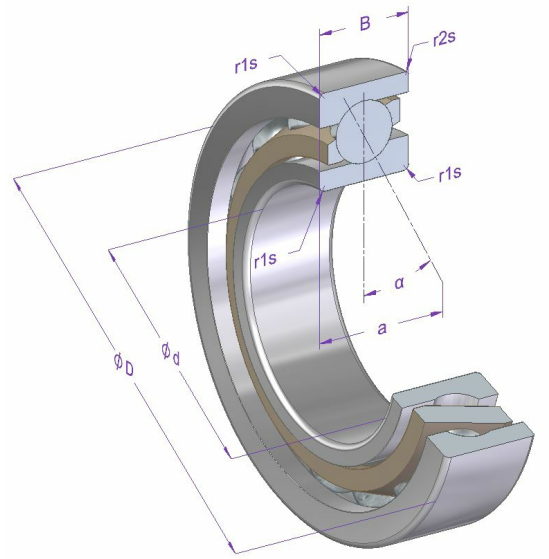


**article** 7304 B TVP **Art-No.** 47585 **brand** SKA **weight/kg** 0.15

**description**

| | |
|---|---|
| 7304 | Size |
| B | Pressure angle |
| TVP | Plastic cage |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 20 | 0 / -10 | 620-2 |
| D | nominal outer diameter | 52 | 0 / -13 | 620-2 |
| B | width | 15 | 0 / -120 | 620-2 |
| r1s min. | minimal chamfer dimension | 1.1 | | 628-1 |
| r2s min. | minimal chamfer dimension | 0.6 | | 628-1 |
| alpha | contact angle | 40° | | |
| a | load application point | 22.6 | | |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 17300 | 500 | 281 | 9650 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 11000 | 15000 |

| operating temperature | max. [°C] | min. [°C] |
|---|---|---|
| | 120 | -20 |

## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Inner ring | 100Cr6 | 683-17 | 58-65 |
| Outer ring | 100Cr6 | 683-17 | 58-65 |
| Balls | 100Cr6 | 683-17 | 58-65 |
| Cage | PA66+GF25 | | |

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