Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

# data sheet

## general data/description



**article** 6002 ZZ C3 NS7 **Art-No.** 48425 **brand** SKA **weight/kg** 0.03

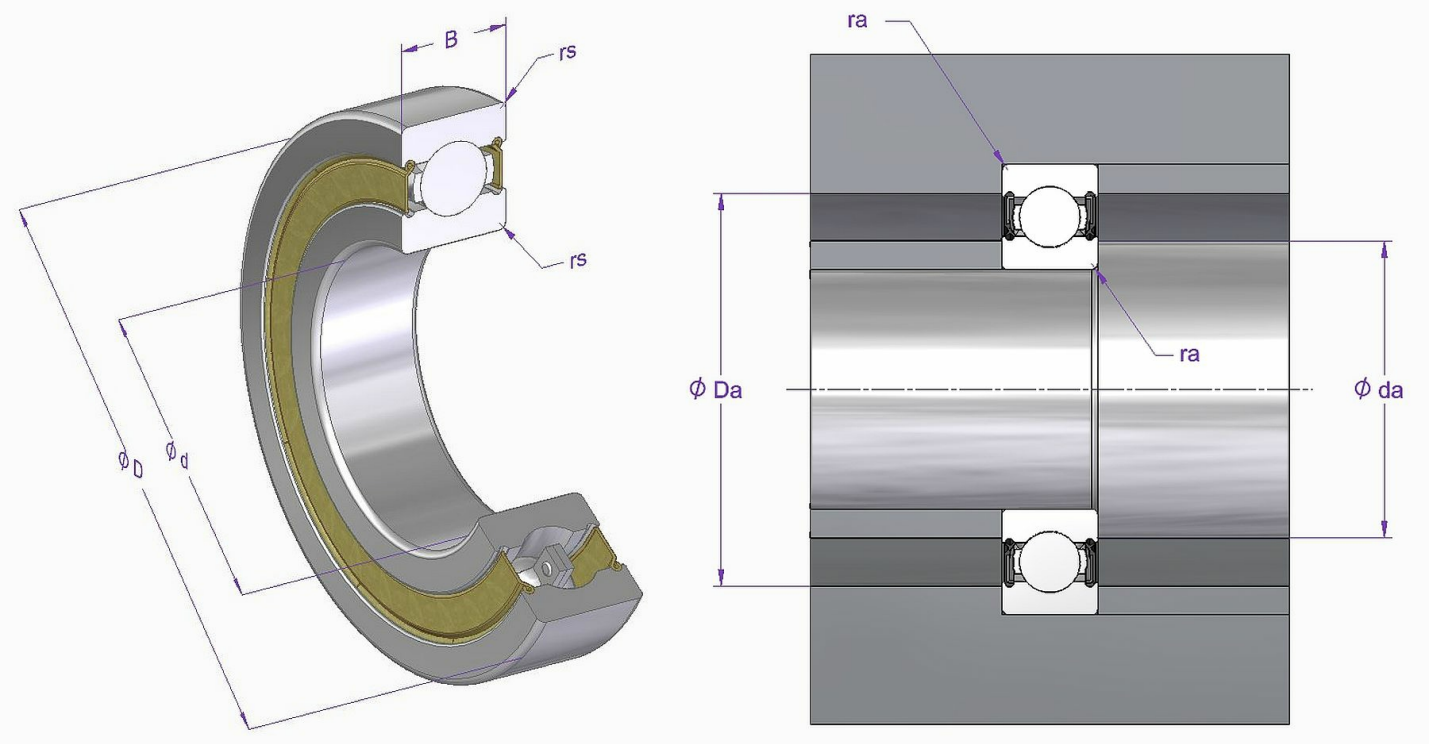
**description**

| | |
|---|---|
| 6002 | Size |
| ZZ | Shields on both sides, not touching |
| C3 | Internal clearance |

**greasing**

| | |
|---|---|
| NS7 | KYODO YUSHI MULTEMP SRL |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 15 | 0 / -8 | 620-2 |
| D | nominal outer diameter | 32 | 0 / -11 | 620-2 |
| B | width | 9 | 0 / -120 | 620-2 |
| rs min. | minimal chamfer dimension | 0.3 | | 625-1 |
| C3 | internal clearance | 0.011 / 0.025 | | 620-4 |
| da min. | mounting dimension | 17 | | 5418 |
| Da max. | mounting dimension | 30 | | 5418 |
| ra max. | mounting dimension | 0.3 | | 5418 |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 5590 | 140 | 281 | 2840 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 24000 | |

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

**article** 6002 ZZ C3 NS7 **Art-No.** 48425

## 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 | 58-66 |
| Cage | St12 | | |
| Shields | Sheet steel | | |

All information in this document was provided and checked carefully. Nevertheless, we can not assume any liability for incomplete or faulty information.