## general data/description

created: 06.09.2021 / 02 page: 1 / 2

**article** F R4 ZZ INOX MC3 NS7 **Art-No.** 51849 **brand** SKA **weight/kg** 0.004

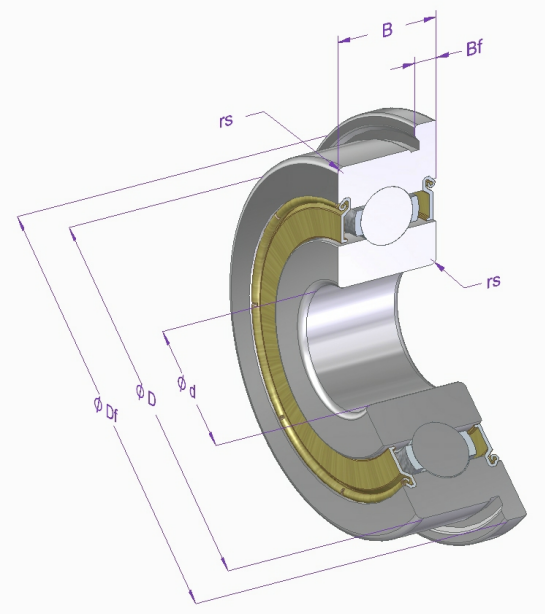
**description**

| | |
|---|---|
| F | Design |
| R4 | Size |
| ZZ | Shields on both sides, not touching |
| INOX | Stainless steel |
| MC3 | Internal clearance |

**greasing**

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

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 6.350 | 0 / -8 | 620-2 |
| D | nominal outer diameter | 15.875 | 0 / -8 | 620-2 |
| Df | flange diameter | 17.526 | 0 / -43 | ISO 492 |
| B | width | 4.978 | 0 / -120 | 620-2 |
| Bf | flange width | 1.067 | 0 / -50 | WERKSNORM |
| rs min. | minimal chamfer dimension | 0.300 | | |
| MC3 | internal clearance | 0.005 / 0.010 | | WERKSNORM |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 1480 | 30 | 281 | 595 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 38000 | |

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

| bearing clearance | radial min. [µm] | max. [µm] |
|---|---|---|
| | 5 | 10 |

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## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Cage | SUS304 | | |
| Shields | SUS304 | | |
| Balls | SUS440 | | 58-66 |
| Inner ring | SUS440 | | 58-65 |
| Outer ring | SUS440 | | 58-65 |
| Snap rings | SUS304 | | |

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