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# data sheet

## general data/description

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**article** MR 126 INOX MC3 AF2 **Art-No.** 48095 **brand** SKA **weight/kg** 0.002

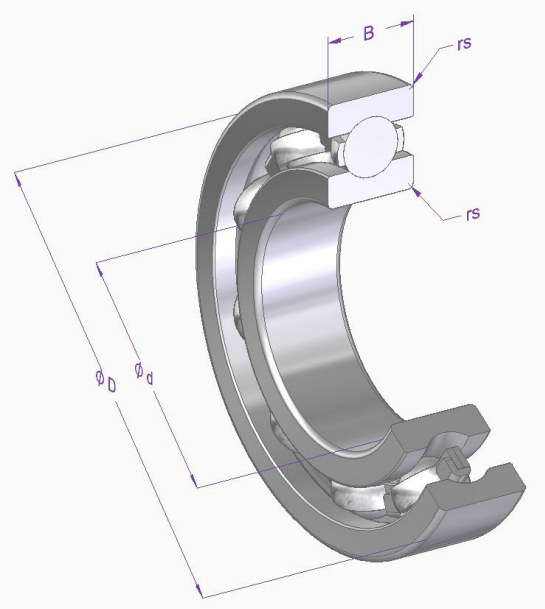
**description**

| | |
|---|---|
| MR | Design |
| 126 | Size |
| INOX | Stainless steel |
| MC3 | Internal clearance |

**greasing**

| | |
|---|---|
| AF2 | AEROSHELL FLUID 12 |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 6 | 0 / -8 | 620-2 |
| D | nominal outer diameter | 12 | 0 / -8 | 620-2 |
| B | width | 3 | 0 / -120 | 620-2 |
| rs min. | minimal chamfer dimension | 0.15 | | WERKSNORM |
| 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 |
|---|---|---|---|---|---|
| | 831 | 17 | 281 | 339 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 43000 | 50000 |

| operating temperature | max. [°C] | min. [°C] |
|---|---|---|
| | 120 | -50 |

## material specification

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

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