Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

# data sheet

## general data/description

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**article** F 63800 ZZ INOX BA2 **Art-No.** 52632 **brand** SKA **weight/kg** 0.007

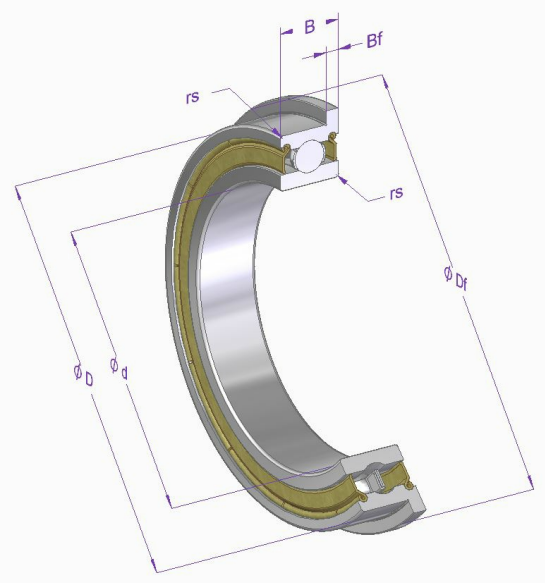
**description**

| | |
|---|---|
| F | Design |
| 63800 | Size |
| ZZ | Shields on both sides, not touching |
| INOX | Stainless steel |

**greasing**

| | |
|---|---|
| BA2 | KLÜBER ASONIC GHY72 |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 10 | 0 / -8 | 620-2 |
| D | nominal outer diameter | 19 | 0 / -9 | 620-2 |
| B | width | 7 | 0 / -120 | 620-2 |
| DF | flange diameter | 21 | 0 / -52 | ISO 492 |
| BF | flange width | 1.5 | 0 / -50 | WERKSNORM |
| rs min. | minimal chamfer dimension | 0.3 | | 625-4 |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 1490 | | | 756 | |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 34000 | |

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

| bearing clearance | radial min. [µm] | max. [µm] |
|---|---|---|
| | 2 | 13 |

## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Inner ring | SUS 440 | | 58-62 |
| Outer ring | SUS 440 | | 58-62 |
| Balls | SUS 440 | | 58.5-65 |
| Cage | Sheet steel INOX | | |
| Shields | Sheet steel INOX | | |

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