**Hans Saurer Kugellager AG**
**Niederfeld 38**
**CH-9320 Stachen**

## general data/description

created: 13.05.2020 / 01 page: 1 / 2

**article** 61822 ZZ NS7 **Art-No.** 51099 **brand** SKA **weight/kg** 0.605

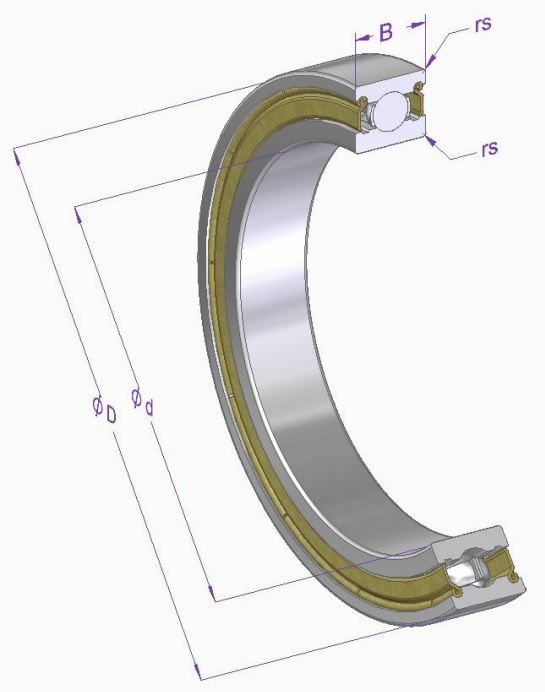
**description**

| | |
|---|---|
| 61822 | Size |
| ZZ | Shields on both sides, not touching |

**greasing**

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

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 110 | 0 / -20 | 620-2 |
| D | nominal outer diameter | 140 | 0 / -18 | 620-2 |
| B | width | 16 | 0 / -200 | 620-2 |
| rs min. | minimal chamfer dimension | 1 | | 625-1 |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 30800 | 1580 | 281 | 33900 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 4300 | |

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

| bearing clearance | radial min. [µm] | max. [µm] |
|---|---|---|
| | 15 | 41 |

## 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 | St12 | | |
| Shields | St12 | | |

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