Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

# data sheet

## general data/description

created: 04.06.2015 / 02 page: 1 / 1

**article** UB 203 HA2 **Art-No.** 43643 **brand** SKA **weight/kg** 0.07

**remark** Nicht nachschmierbar

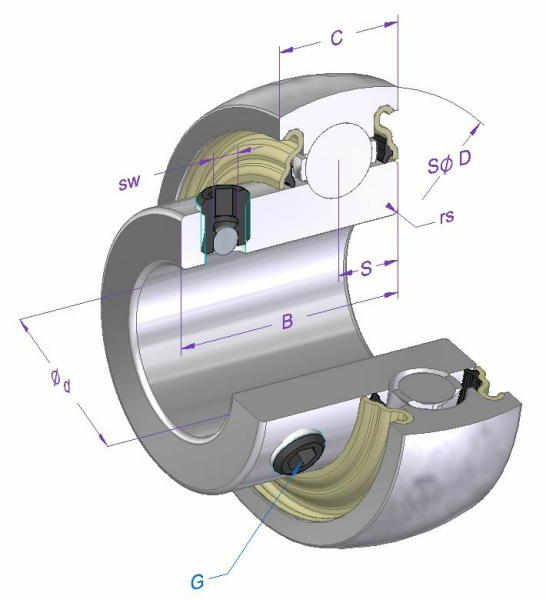
**description**

| | |
|---|---|
| UB | Design |
| 203 | Size |

**greasing**

| | |
|---|---|
| HA2 | HANGU2#, GREAT WALL MOTOR BEARING GREASE |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 17 | 0 / 15 | 626-1 |
| D | nominal outer diameter | 40 | 0 / -11 | 620-2 |
| B | inner ring width | 22 | 0 / -120 | |
| C | outer ring width | 12 | 0 / -120 | |
| S | swing axle distance | 6 | | |
| rs min. | minimal chamfer dimension | 1 | | |
| G | thread | M5x0.8 | | |
| sw | wrench size | 2.5 | | |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 9550 | | 281 | 4760 | 76 |

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

| bearing clearance | radial min. [µm] | max. [µm] |
|---|---|---|
| | 11 | 25 |

## 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 | Sheet steel | | |
| Seals | Sheet steel/NBR | | |

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