## general data/description

created: 20.07.2015 / 04 page: 1 / 2

**article** UC 207 HA2 **Art-No.** 43460 **brand** SKA **weight/kg** 0.48

**description**

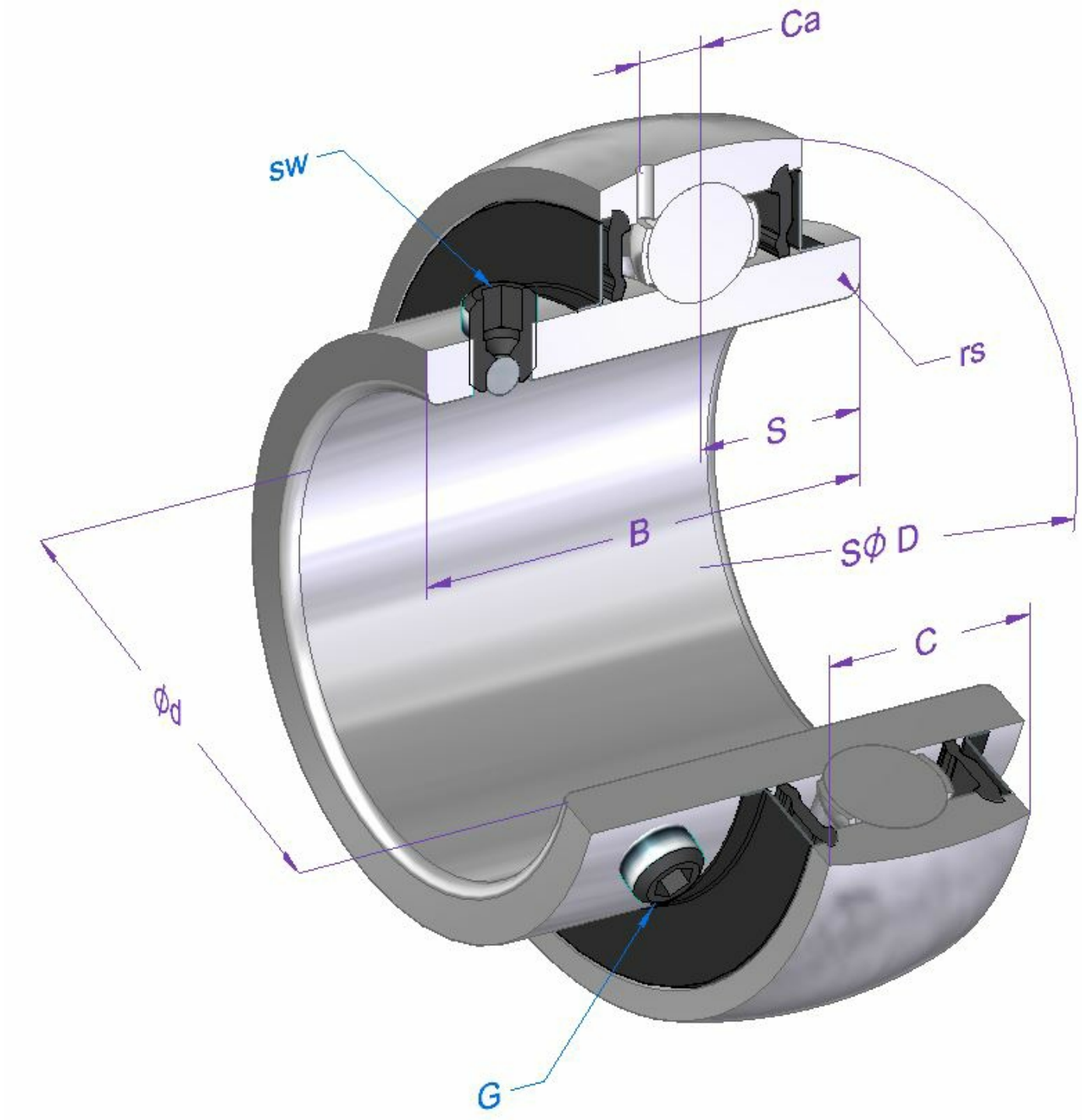
UC Design
207 Size

**remark** Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal.

**greasing**

HA2 HANGU2#, GREAT WALL MOTOR BEARING GREASE

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 35 | 0 / 21 | 626-1 |
| D | nominal outer diameter | 72 | 0 / -13 | 620-2 |
| B | inner ring width | 42.9 | 0 / -120 | 626-1 |

**article** UC 207 HA2 **Art-No.** 43460

| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| C | outer ring width | 20 | 0 / -120 | 626-1 |
| Ca | distance lubrication hole | 5.7 | | 626-1 |
| S | swing axle distance | 17.5 | | 626-1 |
| rs min. | minimal chamfer dimension | 1.5 | | |
| G | thread | M6 x 0.75 | | |
| sw | wrench size | 3 | | |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 25700 | 790 | 281 | 15300 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 3400 | |

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

| bearing clearance | radial min. [µm] | max. [µm] |
|---|---|---|
| | 15 | 33 |

## 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 | | |
| Centrifugal disc | Sheet steel | | |

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