Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

# data sheet

## general data/description

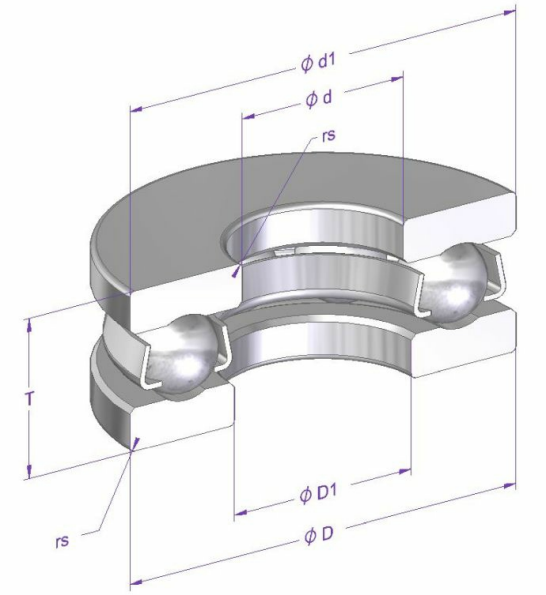
created: 17.08.2016 / 03



**article** 51201 **Art-No.** 40746 **brand** SKA **weight/kg** 0.034

**description**
51201 Size

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter, shaft washer | 12 | -8 / 0 | 620-3 |
| D | nominal outer diameter, housing washer | 28 | -13 / 0 | 620-3 |
| T | bearing height | 11 | -250 / 20 | 620-3 |
| d1 max. | nominal outer diameter, shaft washer | 28 | | 711 |
| D1 min. | nominal inner diameter, housing washer | 14 | | 711 |
| rs min. | minimal chamfer dimension | 0.6 | | 711 |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 13200 | 940 | 281 | 20700 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 5600 | 8500 |

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

## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Shaft washer | 100Cr6 | 683-17 | 58-65 |
| Housing washer | 100Cr6 | 683-17 | 58-65 |
| Balls | 100Cr6 | 683-17 | 58-65 |
| Cage | Sheet steel | | |

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