## general data/description

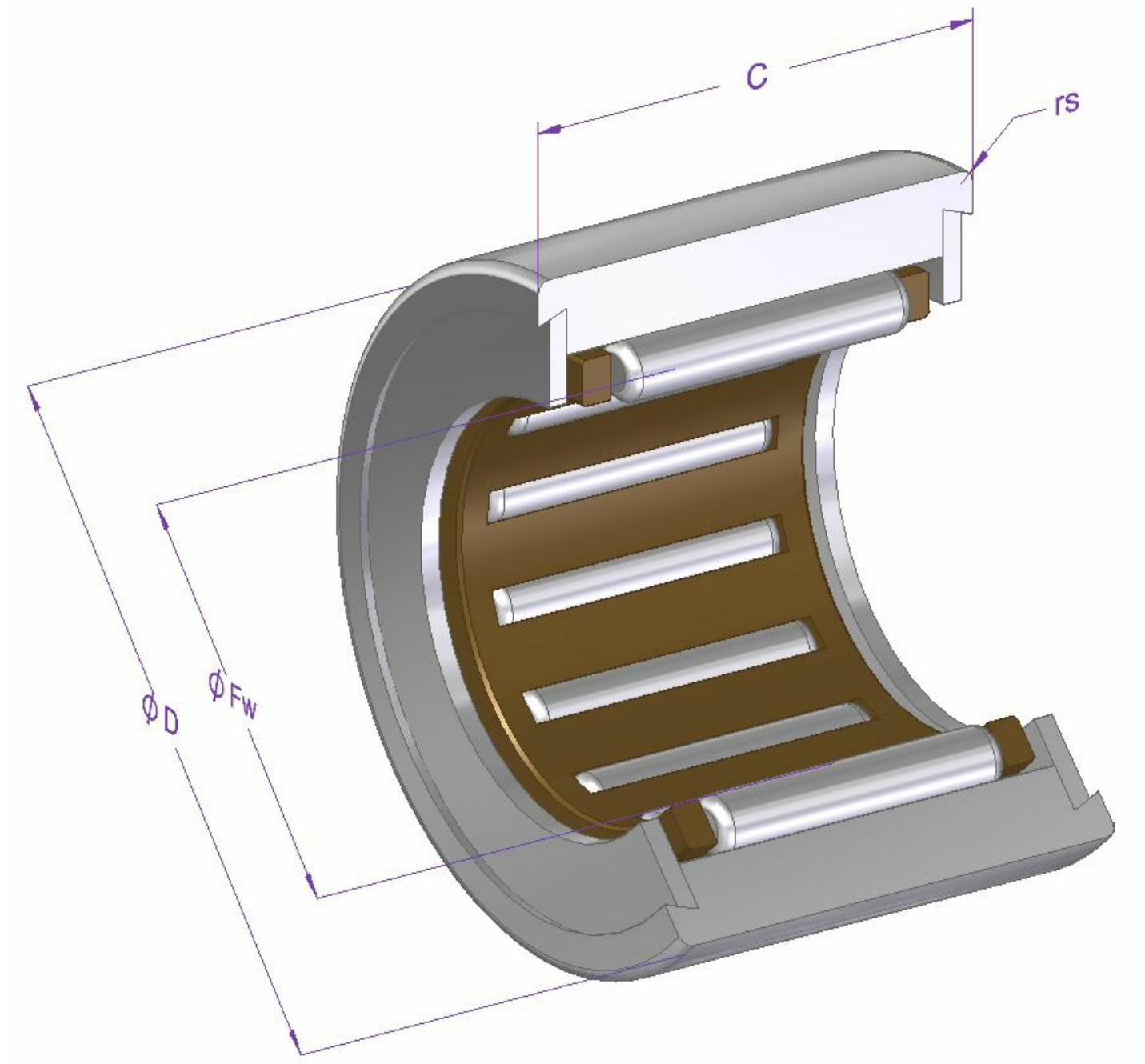
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**article** NK 5/10 TN **Art-No.** 45844 **brand** SKA **weight/kg** 0.0031

**description**

| | |
|---|---|
| NK | Design |
| 5/10 | Size |
| TN | Plastic cage |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| Fw | inner enveloping circle diameter | 5 | 10 / 18 | |
| D | nominal outer diameter | 10 | 0 / -8 | 620-2 |
| C | width | 10 | 0 / -120 | 620-2 |
| rs min. | minimal chamfer dimension | 0.15 | | 620-6 |

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**Niederfeld 38**
**CH-9320 Stachen**



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## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 2300 | | 281 | 1850 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 27000 | 39000 |

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

## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Outer ring | 100Cr6 | 683-17 | 58-65 |
| Needle rollers | 100Cr6 | 683-17 | 58-65 |
| Cage | PA66 | | |
| Lock ring | 56Mn4 | | |

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