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# data sheet

## general data/description

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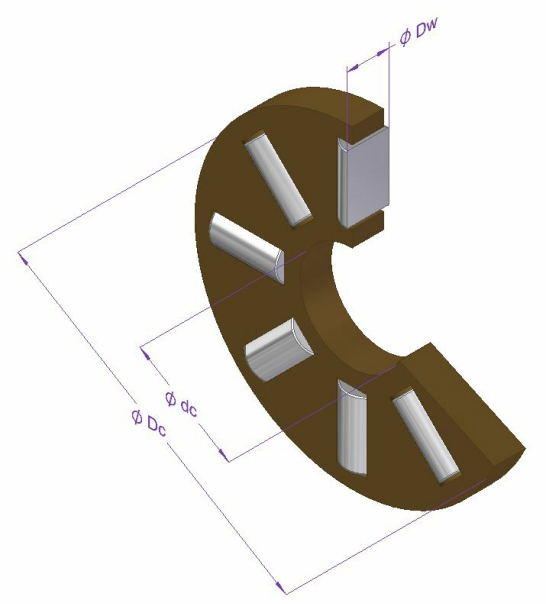
**article** AXK 0515 **Art-No.** 43665 **brand** **weight/kg** 0.0008

**description**

AXK Design
0515 Size

**remark** Load ratings and rotational speed also depending on mating track.

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| dc | cage inner diameter | 5 | +25 / +175 | |
| Dc | cage outer diameter | 15 | -110 / -440 | |
| Dw | needle roller diameter | 2 | -2 / -4 | |

## calculation and operating data

| | | | | | | |
|---|---|---|---|---|---|---|
| **load ratings** | **dynamic C [N]** | **fatique load limit load Cu [N]** | | **DIN/ISO** | **static Co [N]** | **DIN/ISO** |
| | 4600 | | | 281 | 9900 | 76 |
| **speed of rotation limit** | **reference n [1/min]** | **grease n [1/min]** | **oil n [1/min]** | | | |
| | | 4600 | 9900 | | | |
| **operating temperature** | **max. [°C]** | **min. [°C]** | | | | |
| | 120 | -20 | | | | |

## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Needle rollers | 100Cr6 | 683-17 | 58-65 |
| Cage | PA66 | | |

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