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# data sheet

## general data/description

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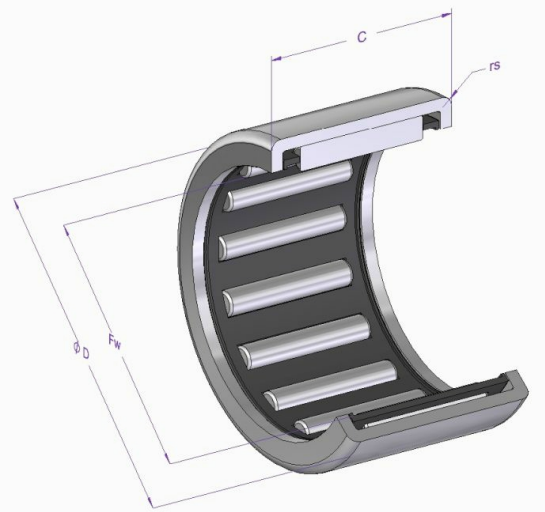
**article** HK 0608 **Art-No.** 42927 **brand** SKA **weight/kg** 0.0021

**description**

| | |
|---|---|
| HK | Design |
| 0608 | Size |

**remark** For cup needle bearings the enveloping circle diameter Fw can only be checked in installed condition.

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| Fw | inner enveloping circle diameter | 6 | 10 / 28 | 618 |
| D | nominal outer diameter | 10 | | 618 |
| C | width | 8 | -300 / 0 | 618 |
| rs min. | minimal chamfer dimension | 0.4 | | 618 |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 2540 | 255 | 281 | 2170 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 20000 | 32000 |

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

## material specification

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

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