Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

# data sheet

## general data/description

created: 12.04.2022 / 01 page: 1 / 1

**article** HK 2016 2RS LX3 **Art-No.** 52188 **brand** SKA **weight/kg** 0.018

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

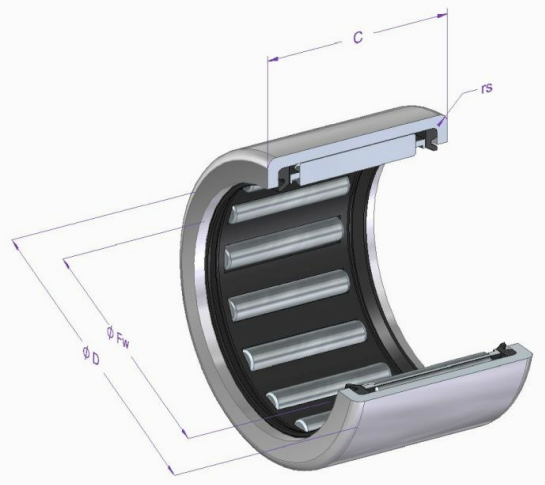
**description**

| | |
|---|---|
| HK | Design |
| 2016 | Size |
| 2RS | Sealing washers on both sides, touching |

**greasing**

| | |
|---|---|
| LX3 | SHELL GADUS S3 V220C 2 |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| Fw | inner enveloping circle diameter | 20 | 20 / 41 | 618 |
| D | nominal outer diameter | 26 | | 618 |
| C | width | 16 | 0 / -300 | 618 |
| rs min. | minimal chamfer dimension | 0.8 | | 618 |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 8170 | 1435 | 281 | 11100 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 7600 | |

| 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 | | |
| Sealing washers | Sheet steel/NBR | | |

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