## general data/description

created: 22.10.2022 / 01 page: 1 / 2

**article** NKX 17 Z LX3 **Art-No.** 52291 **brand** SKA **weight/kg** 0.055

**remark** Axial part greased.

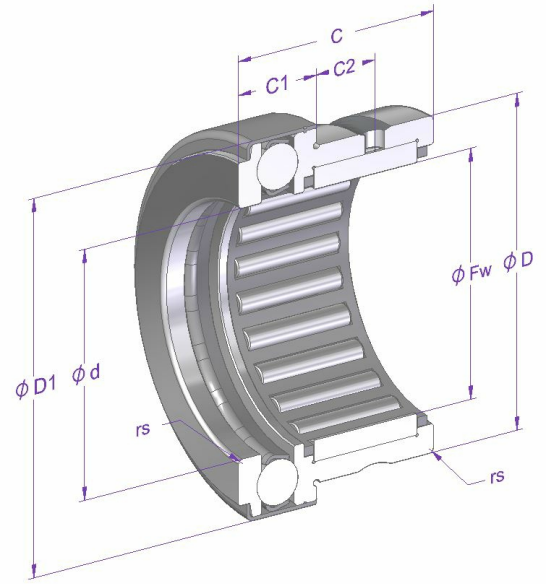
**description**

| | |
|---|---|
| NKX | Design |
| 17 | Size |
| Z | Shield on one side, not touching |

**greasing**

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

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| Fw | inner enveloping circle diameter | 17 | 16 / 27 | 5429-1 |
| d | nominal inner diameter | 17 | 32 / 59 | 5429-1 |
| D | nominal outer diameter | 26 | 0 / -9 | 620-2 |
| D1 | outer diameter | 31.2 max. | | 5429-1 |
| C | width | 25 | 0 / -250 | 5429-1 |
| C1 | width | 9 | 0 / -200 | 5429-1 |
| C2 | distance lubrication hole | 8 | | 5429-1 |
| rs min. | minimal chamfer dimension | 0.3 | | 5429-1 |
| Ca | dynamic load rating, axial [N] | 10800 | | |
| C0a | static load capacity, axial [N] | 19700 | | |
| Cua | fatigue limit load, axial [N] | 895 | | |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 12600 | 2260 | 281 | 15900 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 6300 | |

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

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## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Outer ring | 100Cr6 | 683-17 | 58-65 |
| Needle rollers | 100Cr6 | 683-17 | 58-65 |
| Needle cage | Sheet steel | | |
| Balls | 100Cr6 | 683-17 | 58-65 |
| Ball Cage | Sheet steel | | |
| Axial washer | 100Cr6 | 683-17 | 58-65 |
| Shield | Sheet steel | | |

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