## general data/description

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**article** LFR 5302/10 KDD NS7 **Art-No.** 51824 **brand** SKA **weight/kg** 0.17

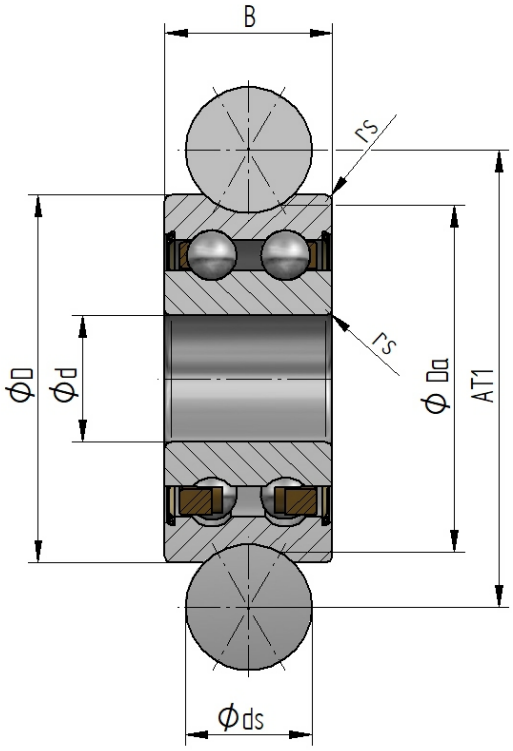
**description**

| | |
|---|---|
| LFR | Design |
| 5302/10 | size |
| KDD | Shields on both sides, not touching |

**greasing**

| | |
|---|---|
| NS7 | KYODO YUSHI MULTEMP SRL |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 15 | 0 / -8 | 620-2 |
| D | nominal outer diameter | 47 | 0 / -50 | WERKSNORM |
| B | width | 19 | 0 / -80 | WERKSNORM |
| rs min. | minimal chamfer dimension | 1 | | |
| Da | rolling diemeter | 44.6 | | |
| AT1 | center distance | 53.3 | -50 / 50 | WERKSNORM |
| ds | shaft diameter | 10 | | |
| Crw [N] | Effective dynamic load rating | 10900 | | |
| C0rw [N] | Effective static load rating | 7240 | | |
| Curw [N] | Effective fatigue limit load | 365 | | |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 12100 | 410 | 281 | 7920 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 4200 | |

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

| bearing clearance | radial min. [µm] | max. [µm] |
|---|---|---|
| | 3 | 18 |

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



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## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Inner ring | 100Cr6 | 683-17 | 58-65 |
| Outer ring | 100Cr6 | 683-17 | 58-65 |
| Balls | 100Cr6 | 683-17 | 58-65 |
| Cage | PA66+GF25 | | |
| Shields | St12 | | |

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