## general data/description

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**article** LR 606 NPP U NS7 **Art-No.** 48598

**brand** SKA **weight/kg** 0.008

**remark** Load ratings calculated according norms for rolling bearings. Rotational speed for F < 0.05 C0rw.

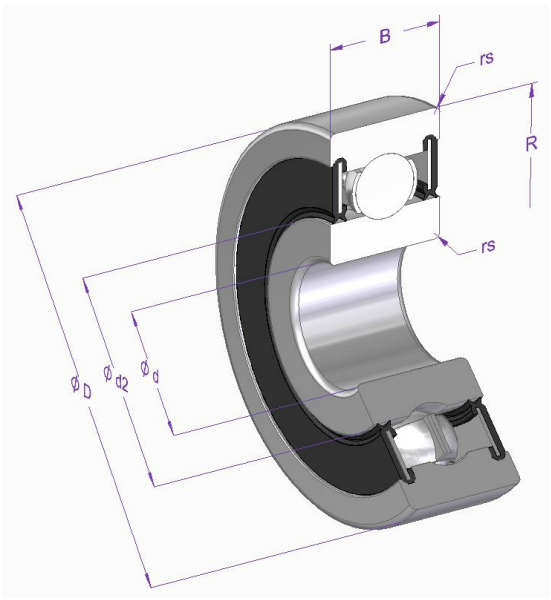
**description**

| | |
|---|---|
| LR | Design |
| 606 | Size |
| NPP | Sealing washers on both sides, touching |
| U | Crowned outer ring lateral surface |

**greasing**

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

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 6 | 0 / -8 | 620-2 |
| D | nominal outer diameter | 19 | 0 / -50 | WERKSNORM |
| B | width | 6 | 0 / -120 | 620-2 |
| rs min. | minimal chamfer dimension | 0.3 | | 616 |
| d2 | inner shoulder diameter | 8.6 | | |
| R | radius outer ring | 500 | | |
| Crw [N] | Effective dynamic load rating | 1400 | | |
| C0rw [N] | Effective static load rating | 635 | | |
| Curw [N] | Effective fatigue limit load | 30 | | |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 1470 | 31 | 281 | 604 | 76 |

| speed of rotation limit | reference n [1/min] | grease n [1/min] | oil n [1/min] |
|---|---|---|---|
| | | 22000 | |

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

| bearing clearance | radial min. [µm] | max. [µm] |
|---|---|---|
| | 2 | 13 |

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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 | 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.