Hans Saurer Kugellager AG
Niederfeld 38
CH-9320 Stachen

# data sheet

## general data/description

created: 21.09.2021 / 01 

**article** KH 4060 PP NS7 **Art-No.** 51813 **brand** SKA **weight/kg** 0.188

**description**

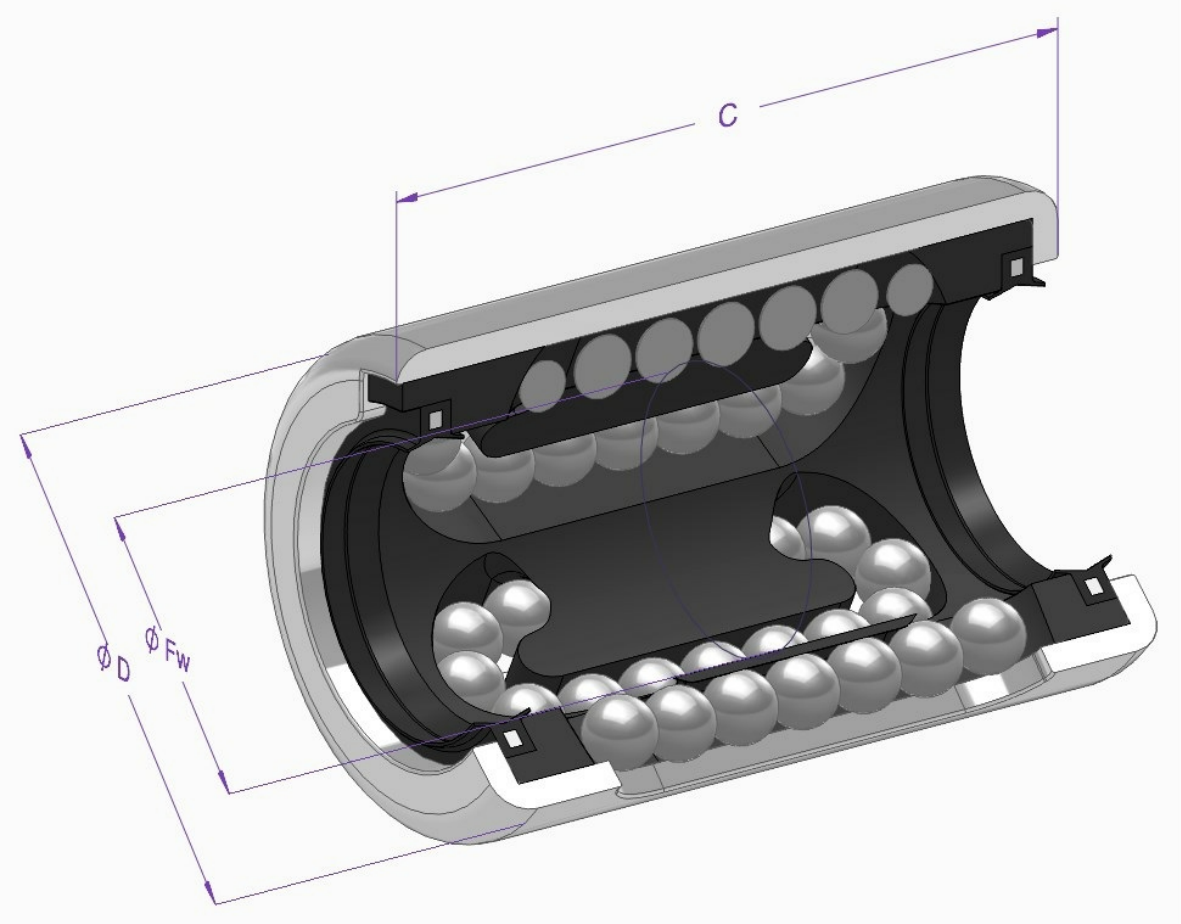
| | |
|---|---|
| KH | Design |
| 4060 | Size |
| PP | Seals on both sides |

**greasing**

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

**remark** Normal operating clearance: When using steel or cast iron as the housing material, the housing bore tolerance H7 should be taken and the shaft tolerance of h6 must also be taken into account. When using light metal as the housing material, the housing bore tolerance K7 should be taken and the shaft tolerance of h6 must also be taken into account. Operating clearance smaler than normal: When using steel or cast iron as the housing material, the housing bore tolerance H6 should be taken and the shaft tolerance of i5 must also be taken into

## dimensions and tolerances






| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| Fw | inner enveloping circle diameter | 40 | -31 / 31 | 10285 |
| D | nominal outer diameter | 52 | 0 / 300 | WERKSNORM |
| C | width | 60 | -370 / 370 | 10285 |
| i | Ball tracks [number] | 8 | | |

## calculation and operating data

| load ratings | dynamic C [N] | fatique load limit load Cu [N] | DIN/ISO | static Co [N] | DIN/ISO |
|---|---|---|---|---|---|
| | 4400 | | | 4450 | |

| operating temperature | max. [°C] | min. [°C] |
|---|---|---|
| | 80 | -30 |

## material specification

| description | material | DIN/ISO | hardness |
|---|---|---|---|
| Cage | POM | | |
| Sleeve | Sheet steel | | |
| Balls | 100Cr6 | 683-17 | 58-65 |
| Seals | 56Mn4/NBR | | |

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