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# data sheet

## general data/description

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**article** ENPF 210 VERZ HA2 **Art-No.** 50560 **brand** SKA **weight/kg** 1.627

**remark** Rotational speed is reference value for shaft tolerance h7. Also depending on load and seal. Not relubricatable.

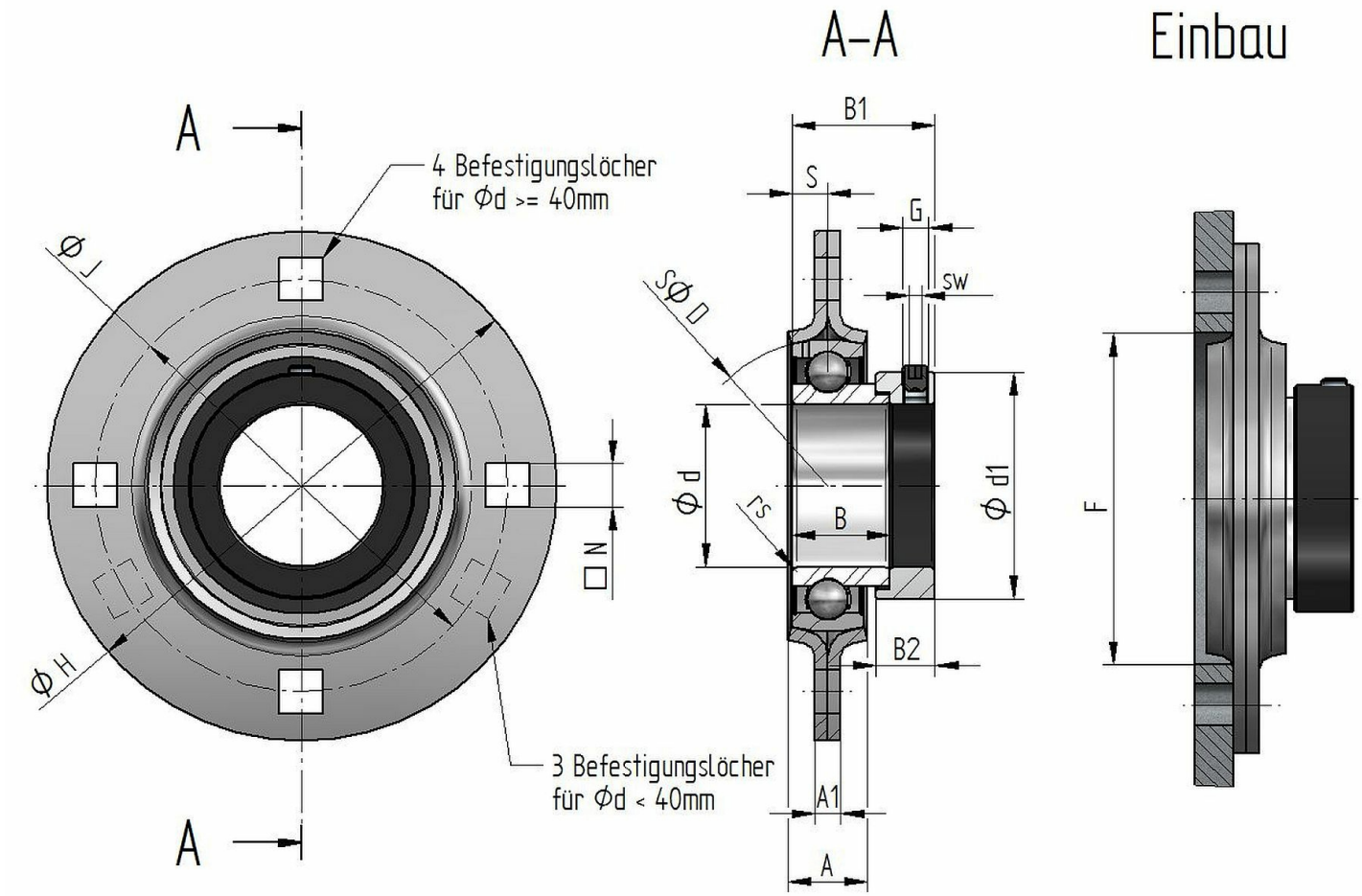
**description**

| | |
|---|---|
| ENPF | Design |
| 210 | Size |
| VERZ | Galvanized |

**greasing**

| | |
|---|---|
| HA2 | HANGU2#, GREAT WALL MOTOR BEARING GREASE |

## dimensions and tolerances




| dimension | Description | [mm] | tolerance [µm] | DIN/ISO |
|---|---|---|---|---|
| d | nominal inner diameter | 50 | 0 / 21 | 626-1 |
| D | nominal outer diameter | 90 | 0 / -15 | 620-2 |
| B | inner ring width | 30.2 | 0 / -120 | 620-2 |
| rs min. | minimal chamfer dimension | 1.5 | | WERKSNORM |
| S | swing axle distance | 10 | | WERKSNORM |
| A | housing width | 25 | | 626-2 |
| A1 | flange thickness | 8 | | 626-2 |
| B1 | total width | 43.7 | | 626-1 |
| B2 | clamping ring width | 18.3 | | 626-1 |
| d1 | clamping ring outer diameter | 69.9 | 0 / -210 | 626-1 |
| H | housing diameter | 157 | | 626-2 |
| J | pitch diameter | 127 | -400 / 400 | 626-2 |
| N | square hole | 4x 13.5 | -600 / 600 | 626-2 |
| F min. | mounting dimension | 102 | | 626-2 |
| G | thread | M8x1 | | |
| sw | wrench size | 4 | | |

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## calculation and operating data

| | | | | | | |
|---|---|---|---|---|---|---|
| **load ratings** | **dynamic C [N]** | **fatique load limit load Cu [N]** | | **DIN/ISO** | **static Co [N]** | **DIN/ISO** |
| | 35100 | 1210 | | 281 | 23200 | 76 |
| **speed of rotation limit** | **reference n [1/min]** | **grease n [1/min]** | **oil n [1/min]** | | | |
| | | 2400 | | | | |
| **operating temperature** | **max. [°C]** | **min. [°C]** | | | | |
| | 120 | -20 | | | | |
| **bearing clearance** | **radial min. [µm]** | **max. [µm]** | | | | |
| | 18 | 36 | | | | |

## 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 | | |
| Seals | Sheet steel/NBR | | |
| Clamping ring | C45 | | |
| Sheet housing | Sheet steel | | |

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