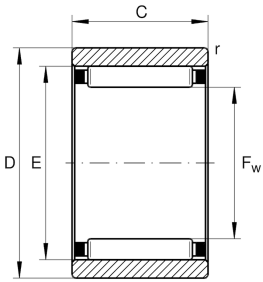
**RNAO40X50X17**

## Needle roller bearing

Needle roller bearing RNAO, two-row, no inner ring, no rib

## Technical information

**Main Dimensions & Performance Data**

|             |              |                                   |
|-------------|--------------|-----------------------------------|
| $F_w$       | 40 mm        | Under roller diameter             |
| $D$         | 50 mm        | Outside diameter                  |
| $C$         | 17 mm        | Width, outer ring                 |
| $C_r$       | 21.400 N     | Basic dynamic load rating, radial |
| $C_{0r}$    | 41.500 N     | Basic static load rating, radial  |
| $C_{ur}$    | 5.300 N      | Fatigue load limit, radial        |
| $n_G$       | 11.500 1/min | Limiting speed                    |
| $n_{gr}$    | 7.000 1/min  | Reference speed                   |
| $\approx m$ | 79 g         | Weight                            |

**Mounting dimensions**

|              |         |   |
|--------------|---------|---|
| $D_b$        | 40,6 mm | Shoulder diameter axial guidance NK/housing |
| $d_b$        | 44,4 mm | Shoulder diameter axial guidance NK/shaft   |
| $D_a$        | 45,5 mm | Shoulder diameter outer ring                |
| $r_{a \max}$ | 0,3 mm  | Maximum recess radius                       |

**Dimensions**

|            |        |                             |
|------------|--------|-----------------------------|
| $E$        | 45 mm  | Raceway diameter outer ring |
| $r_{\min}$ | 0,3 mm | Minimum chamfer dimension   |



### Temperature range

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|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 120 °C | Operating temperature max. |

### Characteristics

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-   $F_r$  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope