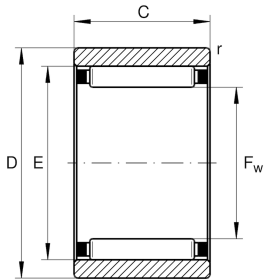
**RNAO40X50X17**

## 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