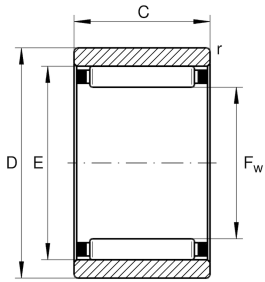
**RNAO40X50X17**

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

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

Characteristics

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