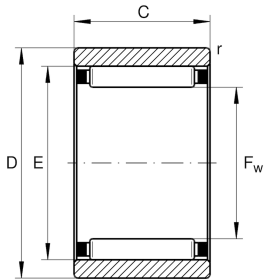
**RNAO16X28X12**

Needle roller bearing

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

Technical information

**Main Dimensions & Performance Data**

F_w	16 mm	Under roller diameter
D	28 mm	Outside diameter
C	12 mm	Width, outer ring
C_r	11.500 N	Basic dynamic load rating, radial
C_{0r}	12.500 N	Basic static load rating, radial
C_{ur}	1.810 N	Fatigue load limit, radial
n_G	22.900 1/min	Limiting speed
n_{gr}	15.900 1/min	Reference speed
$\approx m$	30,85 g	Weight

Mounting dimensions

D_b	16,4 mm	Shoulder diameter axial guidance NK/housing
d_b	21,6 mm	Shoulder diameter axial guidance NK/shaft
D_a	22,3 mm	Shoulder diameter outer ring
$r_{a \max}$	0,3 mm	Maximum recess radius

Dimensions

E	22 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



Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope