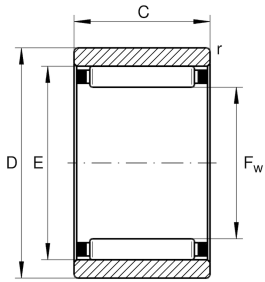
**RNAO16X28X12**

## 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

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

$T_{\max}$  120 °C Operating temperature max.

### Characteristics

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Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope