

RNAO20X28X13-XL

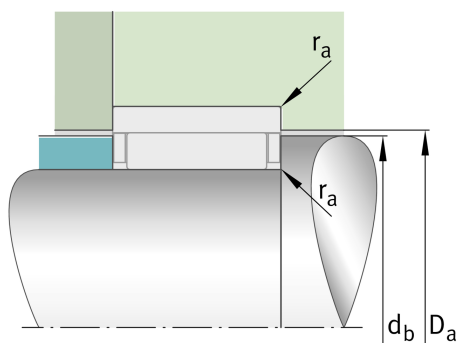
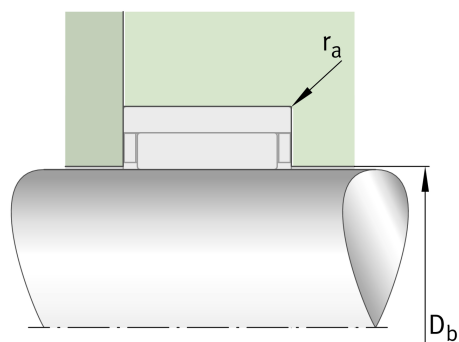
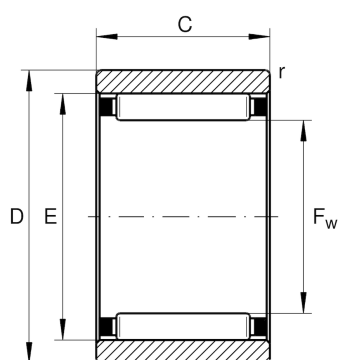
Needle roller bearing

Schaeffler ID:
0507758550000

Needle roller bearings RNAO, without ribs

X-life

Technical information



Main Dimensions & Performance Data

F_w	20 mm	Under roller diameter
D	28 mm	Outside diameter
C	13 mm	Width, outer ring
C_r	11.100 N	Basic dynamic load rating, radial
C_{0r}	14.300 N	Basic static load rating, radial
C_{ur}	2.350 N	Fatigue load limit, radial
n_G	21.300 1/min	Limiting speed
n_{gr}	13.700 1/min	Reference speed
	25,4 g	Weight

Dimensions

E	24 mm	Raceway diameter outer ring
r_{min}	0,3 mm	Minimum chamfer dimension

Mounting dimensions

D_b	20,4 mm	Shoulder diameter axial guidance NK/housing
d_b	23,6 mm	Shoulder diameter axial guidance NK/shaft
D_a	24,3 mm	Shoulder diameter outer ring
$r_{a max}$	0,3 mm	Maximum recess radius

Temperature range

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