

RNAO20X32X12-XL

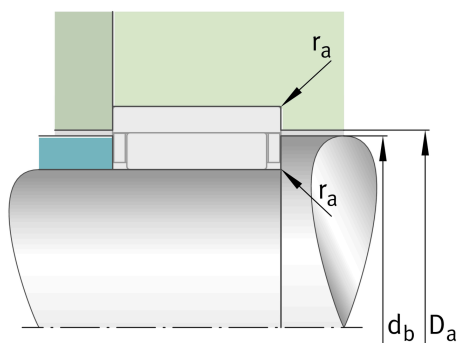
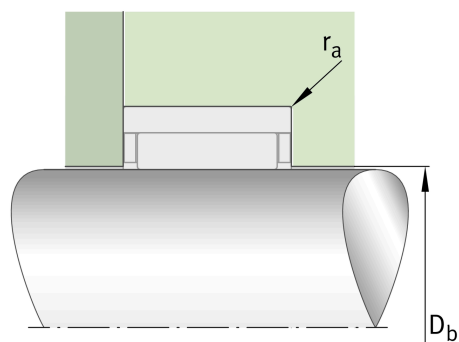
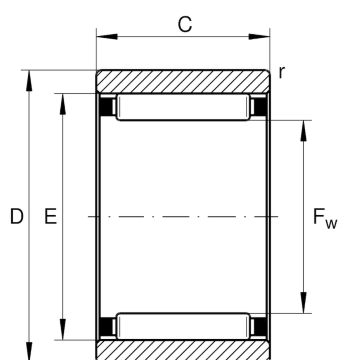
Needle roller bearing

Schaeffler ID:
0507758800000

Needle roller bearings RNAO, without ribs

X-life

Technical information



Main Dimensions & Performance Data

F_w	20 mm	Under roller diameter
D	32 mm	Outside diameter
C	12 mm	Width, outer ring
C_r	15,100 N	Basic dynamic load rating, radial
C_{0r}	16,200 N	Basic static load rating, radial
C_{ur}	2,900 N	Fatigue load limit, radial
n_G	20,900 1/min	Limiting speed
n_{gr}	12,700 1/min	Reference speed
	38 g	Weight

Dimensions

E	26 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	25.6 mm	Shoulder diameter axial guidance NK/shaft
D_a	26.5 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.