

RNAO16X24X13-XL

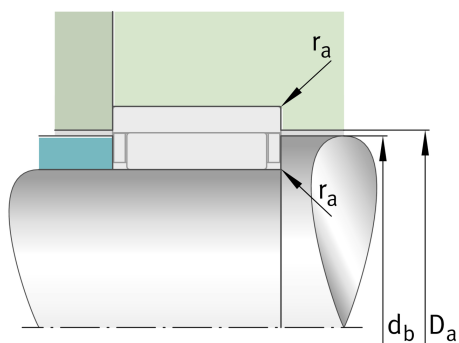
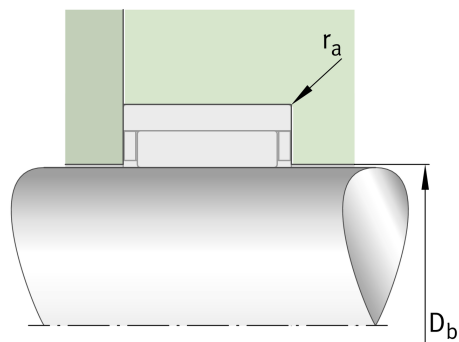
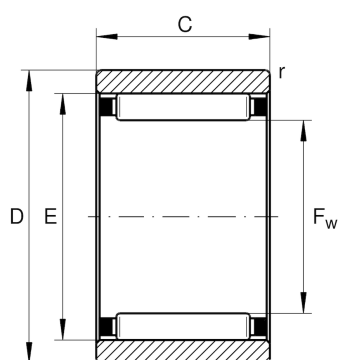
Needle roller bearing

Schaeffler ID:
0507758120000

Needle roller bearings RNAO, without ribs

X-life

Technical information



Main Dimensions & Performance Data

F_w	16 mm	Under roller diameter
D	24 mm	Outside diameter
C	13 mm	Width, outer ring
C_r	10.100 N	Basic dynamic load rating, radial
C_{0r}	11.800 N	Basic static load rating, radial
C_{ur}	1.930 N	Fatigue load limit, radial
n_G	23.600 1/min	Limiting speed
n_{gr}	16.800 1/min	Reference speed
	21 g	Weight

Dimensions

E	20 mm	Raceway diameter outer ring
r_{min}	0,3 mm	Minimum chamfer dimension

Mounting dimensions

D_b	16,4 mm	Shoulder diameter axial guidance NK/housing
d_b	19,6 mm	Shoulder diameter axial guidance NK/shaft
D_a	20,3 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.