

NAO12X24X13-XL

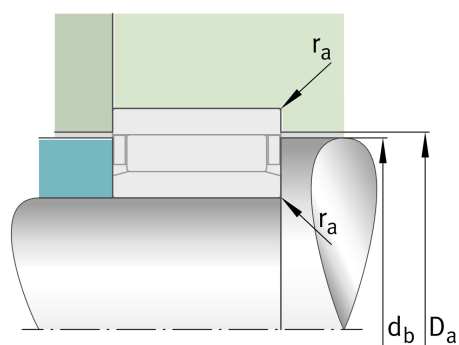
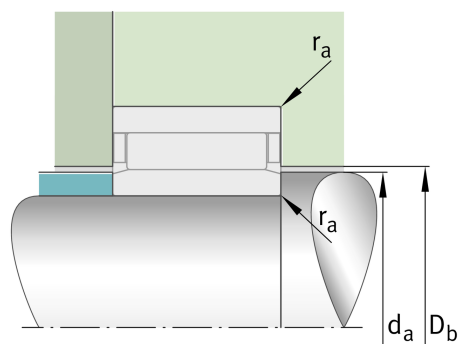
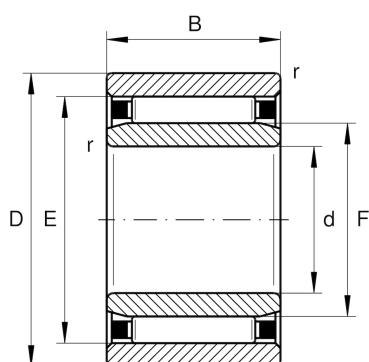
Needle roller bearing

Schaeffler ID:
0507779470000

Needle roller bearings NAO, without ribs

X-life

Technical information



Temperature range

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

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	24 mm	Outside diameter
B	13 mm	Width
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}	15.000 1/min	Reference speed

Dimensions

F	16 mm	Raceway diameter inner ring
E	20 mm	Raceway diameter outer ring
r_{\min}	0,3 mm	Minimum chamfer dimension
s	0,5 mm	Axial displacement

Mounting dimensions

d_a	15,7 mm	Mounting dimension
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

