

NAO12X28X12-IS1-XL

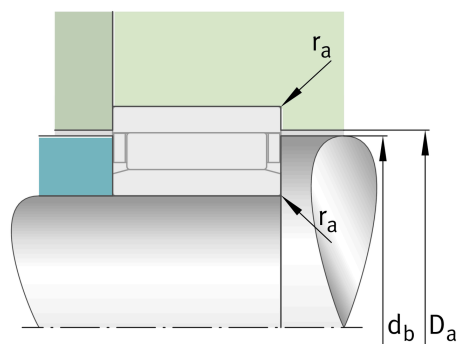
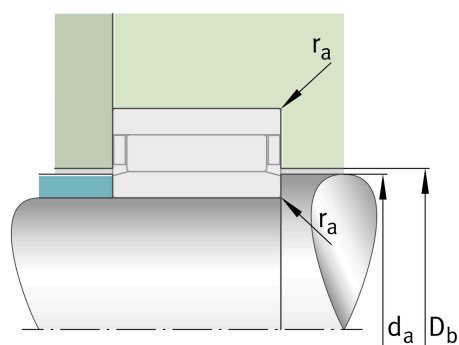
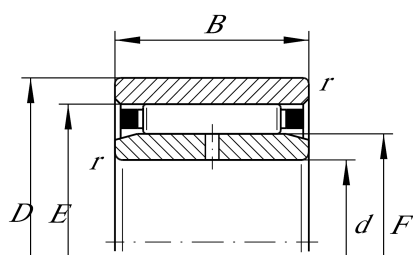
Needle roller bearing

Schaeffler ID:
0507779550000

Needle roller bearings NAO, without ribs

X-life

Technical information



Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	28 mm	Outside diameter
B	12 mm	Width
C _r	13.000 N	Basic dynamic load rating, radial
C _{0r}	12.500 N	Basic static load rating, radial
C _{ur}	2.250 N	Fatigue load limit, radial
n _G	22.900 1/min	Limiting speed
n _{gr}	14.300 1/min	Reference speed
	0,04 kg	Weight

Mounting dimensions

d _a	15,7 mm	Mounting dimension
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

F	16 mm	Raceway diameter inner ring
E	22 mm	Raceway diameter outer ring
r _{min}	0,3 mm	Minimum chamfer dimension
s	0,5 mm	Axial displacement

Temperature range

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

