

NAO25X42X16-IS1-XL

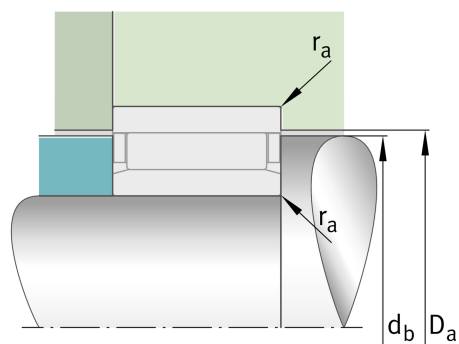
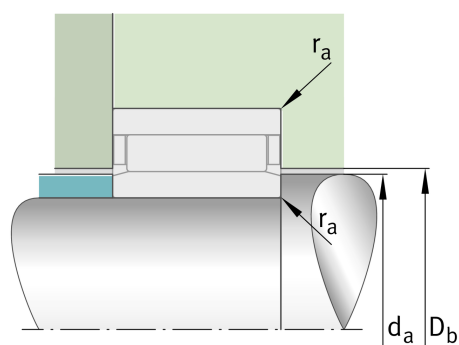
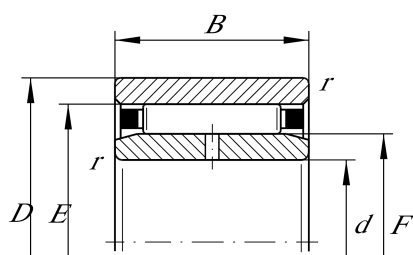
Needle roller bearing

Schaeffler ID:
0507780640000

Needle roller bearings NAO, without ribs

X-life

Technical information



Main Dimensions & Performance Data

d	25 mm	Bore diameter
D	42 mm	Outside diameter
B	16 mm	Width
C _r	26.000 N	Basic dynamic load rating, radial
C _{0r}	33.500 N	Basic static load rating, radial
C _{ur}	5.600 N	Fatigue load limit, radial
n _G	14.600 1/min	Limiting speed
n _{gr}	7.800 1/min	Reference speed
	0,086 kg	Weight

Dimensions

F	30 mm	Raceway diameter inner ring
E	37 mm	Raceway diameter outer ring
r _{min}	0,3 mm	Minimum chamfer dimension
s	0,8 mm	Axial displacement

Mounting dimensions

d _a	29,5 mm	Mounting dimension
D _b	30,6 mm	Shoulder diameter axial guidance NK/housing
d _b	36,4 mm	Shoulder diameter axial guidance NK/shaft
D _a	37,5 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.

