

## NAO6X17X10-TV-IS1-XL

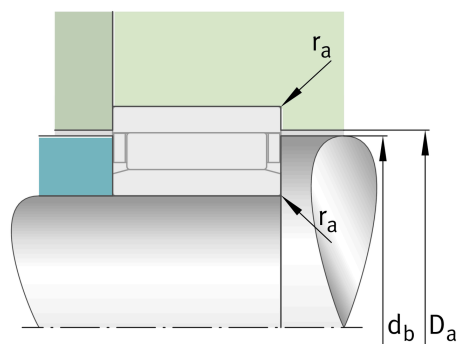
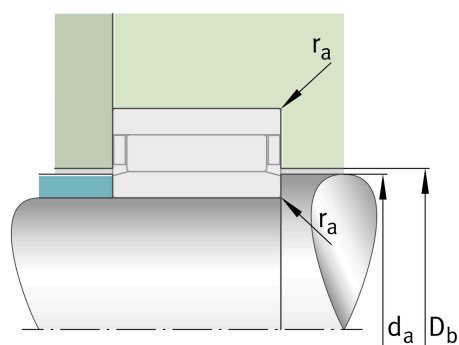
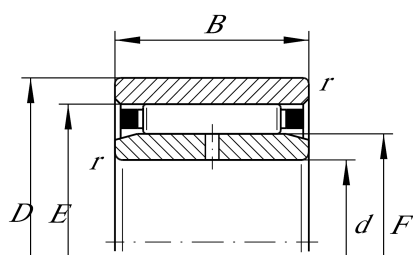
Needle roller bearing

Schaeffler ID:  
0507777420000

Needle roller bearings, without ribs, with inner ring, single row, with lubrication hole in the inner ring

X-life

### Technical information



### Main Dimensions & Performance Data

d	6 mm	Bore diameter
D	17 mm	Outside diameter
B	10 mm	Width
C <sub>r</sub>	5,300 N	Basic dynamic load rating, radial
C <sub>0r</sub>	5,500 N	Basic static load rating, radial
C <sub>ur</sub>	940 N	Fatigue load limit, radial
n <sub>G</sub>	29,500 1/min	Limiting speed
n <sub>gr</sub>	23,800 1/min	Reference speed
	12.48 g	Weight

### Mounting dimensions

d <sub>a</sub>	9.7 mm	Mounting dimension
D <sub>b</sub>	10.3 mm	Shoulder diameter axial guidance NK/housing
d <sub>b</sub>	12.7 mm	Shoulder diameter axial guidance NK/shaft
D <sub>a</sub>	13.3 mm	Shoulder diameter outer ring
r <sub>a max</sub>	0.3 mm	Maximum recess radius

### Dimensions

F	10 mm	Raceway diameter inner ring
E	13 mm	Raceway diameter outer ring
r <sub>min</sub>	0.3 mm	Minimum chamfer dimension
s	0.5 mm	Axial displacement

### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

