

RNAO65X85X30-XL

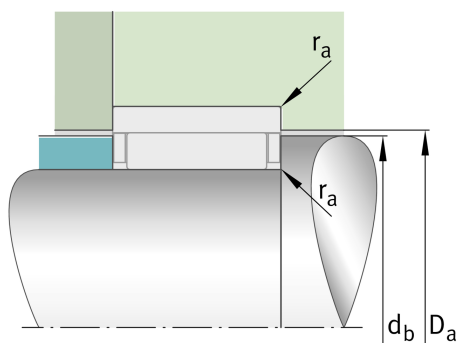
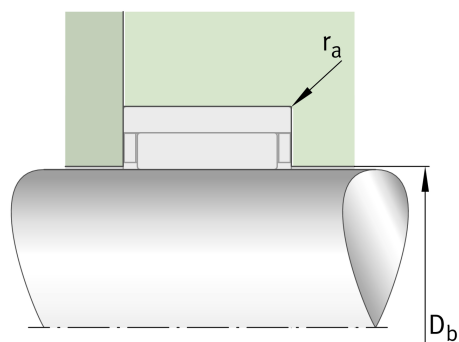
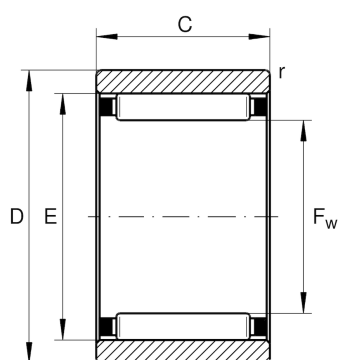
Needle roller bearing

Schaeffler ID:
0507761500000

Needle roller bearings RNAO, without ribs

X-life

Technical information



Main Dimensions & Performance Data

F_w	65 mm	Under roller diameter
D	85 mm	Outside diameter
C	30 mm	Width, outer ring
C_r	64.000 N	Basic dynamic load rating, radial
C_{0r}	123.000 N	Basic static load rating, radial
C_{ur}	21.500 N	Fatigue load limit, radial
n_G	7.100 1/min	Limiting speed
n_{gr}	4.550 1/min	Reference speed
	0,005 kg	Weight

Dimensions

E	73 mm	Raceway diameter outer ring
r_{min}	1 mm	Minimum chamfer dimension

Mounting dimensions

D_b	66 mm	Shoulder diameter axial guidance NK/housing
d_b	72,2 mm	Shoulder diameter axial guidance NK/shaft
D_a	73,8 mm	Shoulder diameter outer ring
$r_{a max}$	1 mm	Maximum recess radius

Temperature range

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