

## RNAO5X10X8-TV-XL

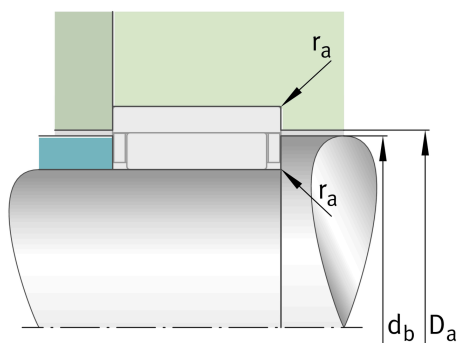
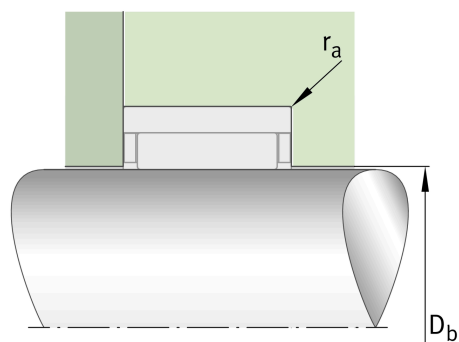
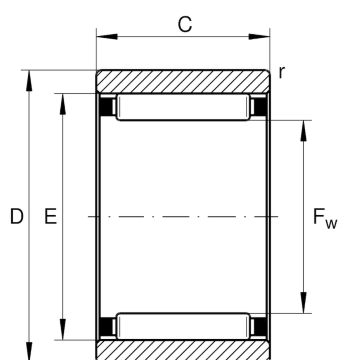
Needle roller bearing

Schaeffler ID:  
0507757400000

Needle roller bearings RNAO, without ribs

X-life

### Technical information



### Main Dimensions & Performance Data

$F_w$	5 mm	Under roller diameter
$D$	10 mm	Outside diameter
$C$	8 mm	Width, outer ring
$C_r$	2,650 N	Basic dynamic load rating, radial
$C_{0r}$	1,920 N	Basic static load rating, radial
$C_{ur}$	300 N	Fatigue load limit, radial
$n_G$	39,000 1/min	Limiting speed
$n_{gr}$	53,000 1/min	Reference speed
	0.002 kg	Weight

### Dimensions

$E$	8 mm	Raceway diameter outer ring
$r_{min}$	0.15 mm	Minimum chamfer dimension

### Mounting dimensions

$D_b$	5.3 mm	Shoulder diameter axial guidance NK/housing
$d_b$	7.7 mm	Shoulder diameter axial guidance NK/shaft
$D_a$	8.3 mm	Shoulder diameter outer ring
$r_{a max}$	0.1 mm	Maximum recess radius

### Temperature range

$T_{min}$	-20 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.