

## RNAO70X90X30-XL

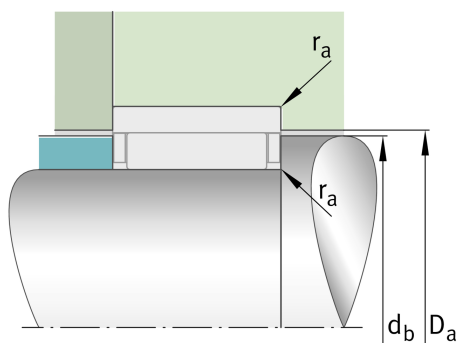
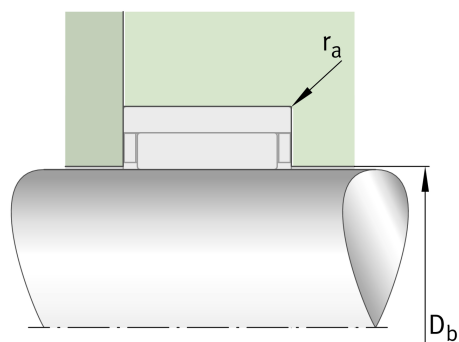
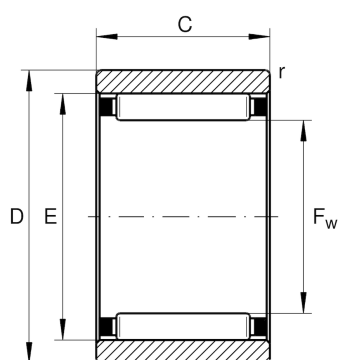
Needle roller bearing

Schaeffler ID:  
0507761690000

Needle roller bearings RNAO, without ribs

X-life

### Technical information



### Main Dimensions & Performance Data

$F_w$	70 mm	Under roller diameter
$D$	90 mm	Outside diameter
$C$	30 mm	Width, outer ring
$C_r$	68.000 N	Basic dynamic load rating, radial
$C_{0r}$	135.000 N	Basic static load rating, radial
$C_{ur}$	23.600 N	Fatigue load limit, radial
$n_G$	6.600 1/min	Limiting speed
$n_{gr}$	4.250 1/min	Reference speed
	0,005 kg	Weight

### Dimensions

$E$	78 mm	Raceway diameter outer ring
$r_{min}$	1 mm	Minimum chamfer dimension

### Mounting dimensions

$D_b$	71 mm	Shoulder diameter axial guidance NK/housing
$d_b$	77,2 mm	Shoulder diameter axial guidance NK/shaft
$D_a$	78,8 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.