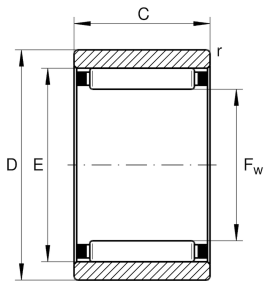
**RNAO80X100X30-XL**

Needle roller bearing

Needle roller bearings RNAO, without ribs

X-life

## Technical information



## Your current product variant

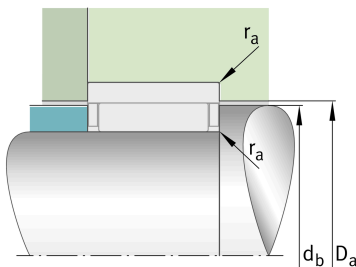
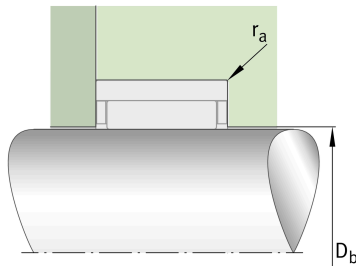
Cage Standard

## Main Dimensions &amp; Performance Data

$F_w$	80 mm	Under roller diameter
D	100 mm	Outside diameter
C	30 mm	Width, outer ring
$C_r$	80.000 N	Basic dynamic load rating, radial
$C_{0r}$	176.000 N	Basic static load rating, radial
$C_{ur}$	31.500 N	Fatigue load limit, radial
$n_G$	5.800 1/min	Limiting speed
$n_{gr}$	3.600 1/min	Reference speed
$m$	0,58 kg	Weight

## Mounting dimensions

$D_b$	81 mm	Shoulder diameter axial guidance NK/housing
$d_b$	87,2 mm	Shoulder diameter axial guidance NK/shaft
$D_a$	89 mm	Shoulder diameter outer ring
$r_{a \max}$	1 mm	Maximum recess radius










### Dimensions

E	88 mm	Raceway diameter outer ring
r <sub>min</sub>	1 mm	Minimum chamfer dimension

### Temperature range

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

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope