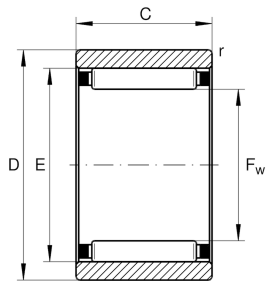
**RNAO35X47X18-XL**

Needle roller bearing

Needle roller bearings RNAO, without ribs

X-life

## Technical information



## Your current product variant

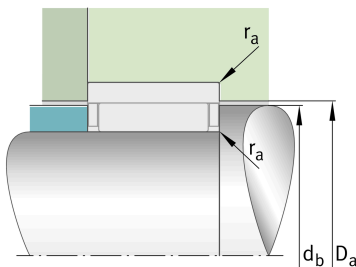
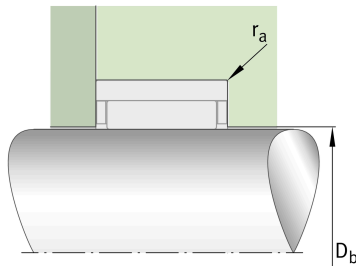
Cage Standard

## Main Dimensions &amp; Performance Data

$F_w$	35 mm	Under roller diameter
D	47 mm	Outside diameter
C	18 mm	Width, outer ring
$C_r$	31.000 N	Basic dynamic load rating, radial
$C_{0r}$	43.000 N	Basic static load rating, radial
$C_{ur}$	7.500 N	Fatigue load limit, radial
$n_G$	12.700 1/min	Limiting speed
$n_{gr}$	7.400 1/min	Reference speed
$m$	76 g	Weight

## Mounting dimensions

$D_b$	35,6 mm	Shoulder diameter axial guidance NK/housing
$d_b$	41,4 mm	Shoulder diameter axial guidance NK/shaft
$D_a$	42,5 mm	Shoulder diameter outer ring
$r_{a \max}$	0,3 mm	Maximum recess radius





### Dimensions

E	42 mm	Raceway diameter outer ring
r <sub>min</sub>	0,3 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