

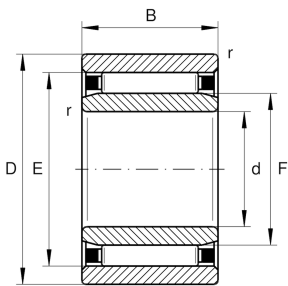
**NAO20X37X16-XL**

Needle roller bearing

Needle roller bearings NAO, without ribs

X-life

## Technical information



## Your current product variant

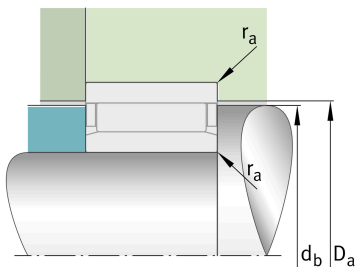
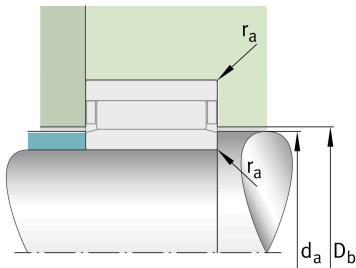
Lubrication hole Without

## Main Dimensions &amp; Performance Data

d	20 mm	Bore diameter
D	37 mm	Outside diameter
B	16 mm	Width
$C_r$	23.500 N	Basic dynamic load rating, radial
$C_{0r}$	27.500 N	Basic static load rating, radial
$C_{ur}$	4.650 N	Fatigue load limit, radial
$n_G$	17.200 1/min	Limiting speed
$n_{gr}$	9.100 1/min	Reference speed
$m$	83,14 g	Weight

## Mounting dimensions

$d_a$	24,5 mm	Mounting dimension
$D_b$	25,6 mm	Shoulder diameter axial guidance NK/housing
$d_b$	31,4 mm	Shoulder diameter axial guidance NK/shaft
$D_a$	32,5 mm	Shoulder diameter outer ring
$r_{a \max}$	0,3 mm	Maximum recess radius










### Dimensions

F	25 mm	Raceway diameter inner ring
E	32 mm	Raceway diameter outer ring
r <sub>min</sub>	0,3 mm	Minimum chamfer dimension
s	0,5 mm	Axial displacement

### 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