

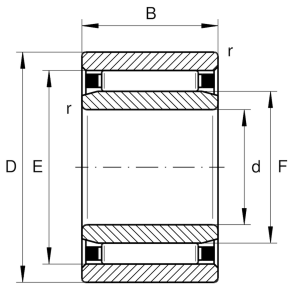
**NAO20X37X16-XL**

Needle roller bearing

Needle roller bearings NAO, without ribs

X-life

Technical information



Your current product variant

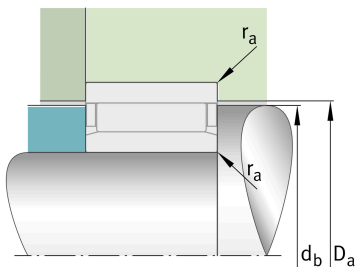
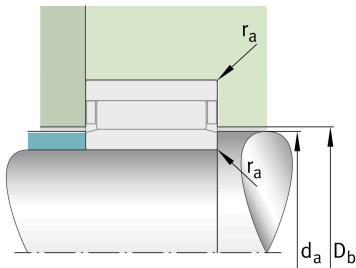
Lubrication hole Without

Main Dimensions & 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 _{min}	0,3 mm	Minimum chamfer dimension
s	0,5 mm	Axial displacement

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Characteristics

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