

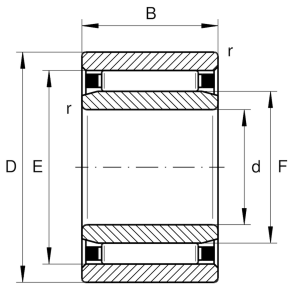
**NAO70X100X30-XL**

Needle roller bearing

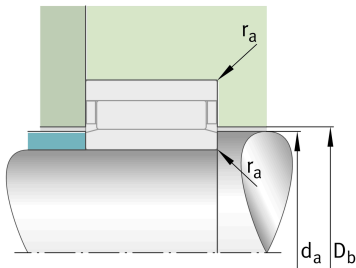
Needle roller bearings NAO, without ribs

X-life

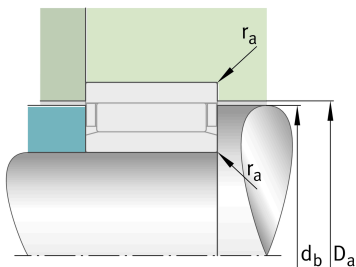
Technical information

**Main Dimensions & Performance Data**

d	70 mm	Bore diameter
D	100 mm	Outside diameter
B	30 mm	Width
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}	3.350 1/min	Reference speed
m	0,822 kg	Weight

**Mounting dimensions**

d _a	79,3 mm	Mounting dimension
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

F	80 mm	Raceway diameter inner ring
E	88 mm	Raceway diameter outer ring
r _{min}	1 mm	Minimum chamfer dimension
s	1 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