

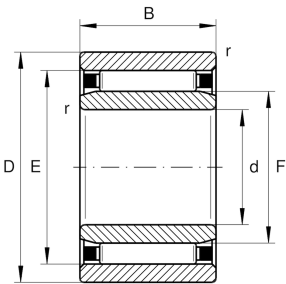
**NAO25X40X17-XL**

Needle roller bearing

Needle roller bearings NAO, without ribs

X-life

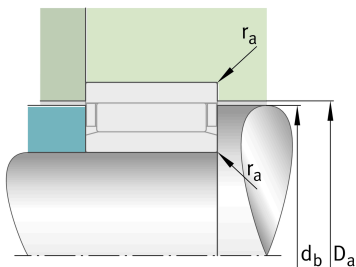
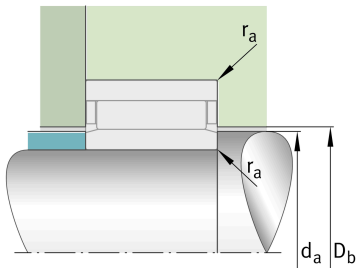
## Technical information

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	40 mm	Outside diameter
B	17 mm	Width
C <sub>r</sub>	22.100 N	Basic dynamic load rating, radial
C <sub>0r</sub>	34.000 N	Basic static load rating, radial
C <sub>ur</sub>	5.400 N	Fatigue load limit, radial
n <sub>G</sub>	15.100 1/min	Limiting speed
n <sub>gr</sub>	8.100 1/min	Reference speed
m	84,112 g	Weight

**Mounting dimensions**

d <sub>a</sub>	29,5 mm	Mounting dimension
D <sub>b</sub>	30,6 mm	Shoulder diameter axial guidance NK/housing
d <sub>b</sub>	34,4 mm	Shoulder diameter axial guidance NK/shaft
D <sub>a</sub>	35,5 mm	Shoulder diameter outer ring
r <sub>a max</sub>	0,3 mm	Maximum recess radius










### Dimensions

F	30 mm	Raceway diameter inner ring
E	35 mm	Raceway diameter outer ring
r <sub>min</sub>	0,3 mm	Minimum chamfer dimension
s	0,8 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