

FAG

**NU306-E-XL-M1**

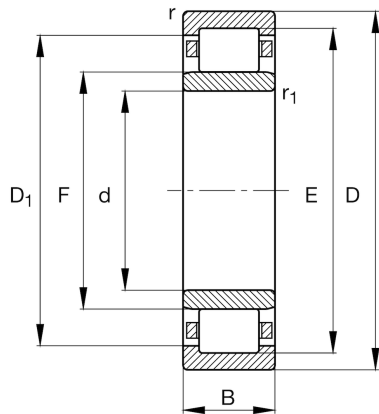
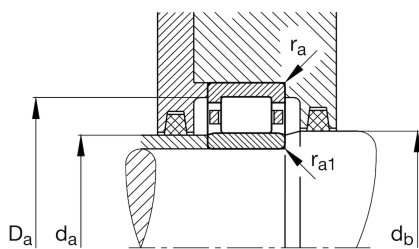
Cylindrical roller bearing

Schaeffler ID:  
0190085200000Cylindrical roller bearing NU..-E-XL-M1,  
with cage, single row, non-locating bearing,  
2 ribs on outer ring, 0 ribs on inner ring  
(smooth), type NU, Running accuracy in  
P6

X-life

## Technical information

## Main Dimensions &amp; Performance Data



d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	19 mm	Width
C <sub>r</sub>	61,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	48,000 N	Basic static load rating, radial
C <sub>ur</sub>	6,200 N	Fatigue load limit, radial
n <sub>G</sub>	18,500 1/min	Limiting speed
n <sub>gr</sub>	8,900 1/min	Reference speed
	0.401 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	37 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	40 mm	Maximum diameter of shaft shoulder
d <sub>b min</sub>	44 mm	Minimum shaft shoulder
D <sub>a max</sub>	65 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius
r <sub>a1 max</sub>	1 mm	Maximum recess radius

## Dimensions

r <sub>min</sub>	1.1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1.1 mm	Minimum chamfer dimension
s	1.2 mm	Axial displacement
E	62.5 mm	Raceway diameter outer ring
F	40.5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	59.2 mm	Minimum rib diameter outer ring

## Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	150 °C	Operating temperature max.

