

**FAG****NUP306-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0167414630000

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

## Technical information

**Main Dimensions & 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>	7.900 N	Fatigue load limit, radial
n <sub>G</sub>	14.200 1/min	Limiting speed
n <sub>gr</sub>	8.900 1/min	Reference speed
	0,351 kg	Weight

**Dimensions**

r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1,1 mm	Minimum chamfer dimension
E	62,5 mm	Raceway diameter outer ring
F	40,5 mm	Raceway diameter inner ring
B <sub>3</sub>	3,5 mm	Width of loose rib

**Mounting dimensions**

d <sub>1</sub>	45 mm	Maximum rib diameter inner ring
D <sub>1 min</sub>	59,2 mm	Minimum rib diameter outer ring
d <sub>a min</sub>	37 mm	Minimum diameter shaft shoulder
d <sub>c min</sub>	48 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

**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.