

**FAG****NU1006-XL-M1**

Cylindrical roller bearing

Schaeffler ID:  
0192347240000

Cylindrical roller bearing NU..-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

**X-life**

## Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	55 mm	Outside diameter
B	13 mm	Width
C <sub>r</sub>	22.900 N	Basic dynamic load rating, radial
C <sub>0r</sub>	19.300 N	Basic static load rating, radial
C <sub>ur</sub>	2.470 N	Fatigue load limit, radial
n <sub>G</sub>	22.400 1/min	Limiting speed
n <sub>gr</sub>	11.000 1/min	Reference speed
	0,129 kg	Weight

**Dimensions**

r <sub>min</sub>	1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	0,6 mm	Minimum chamfer dimension
s	2,4 mm	Axial displacement
E	48,5 mm	Raceway diameter outer ring
F	36,5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	46,1 mm	Minimum rib diameter outer ring

**Mounting dimensions**

d <sub>a min</sub>	33 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	35 mm	Maximum diameter of shaft shoulder
d <sub>b min</sub>	38 mm	Minimum shaft shoulder
D <sub>a max</sub>	50 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius
r <sub>a1 max</sub>	0,6 mm	Maximum recess radius

**Temperature range**

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