



FAG

## NU409-XL-M1

Cylindrical roller bearing

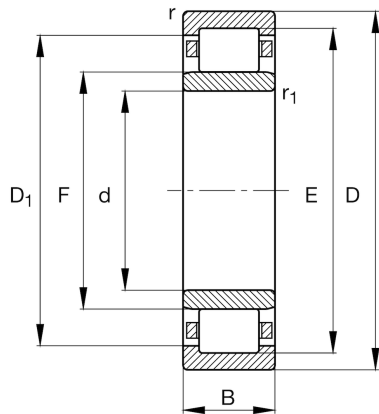
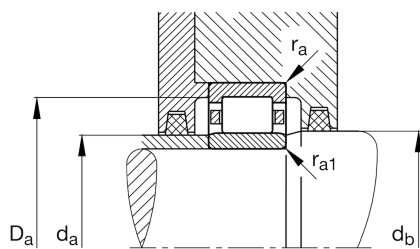
Schaeffler ID:  
0390262640000

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 &amp; Performance Data



d	45 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C <sub>r</sub>	143,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	119,000 N	Basic static load rating, radial
C <sub>ur</sub>	16,000 N	Fatigue load limit, radial
n <sub>G</sub>	11,000 1/min	Limiting speed
n <sub>gr</sub>	5,900 1/min	Reference speed
	1.82 kg	Weight

## Dimensions

r <sub>min</sub>	2 mm	Minimum chamfer dimension
r <sub>1 min</sub>	2 mm	Minimum chamfer dimension
s	2.9 mm	Axial displacement
E	100.5 mm	Raceway diameter outer ring
F	64.5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	94.6 mm	Minimum rib diameter outer ring

## Mounting dimensions

d <sub>a min</sub>	58 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	63 mm	Maximum diameter of shaft shoulder
d <sub>b min</sub>	66 mm	Minimum shaft shoulder
D <sub>a max</sub>	107 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	2 mm	Maximum recess radius
r <sub>a1 max</sub>	2 mm	Maximum recess radius

## Temperature range

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

