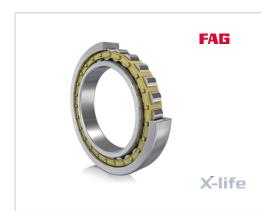
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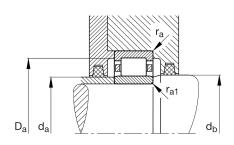
# NU209-E-XL-M1-C3

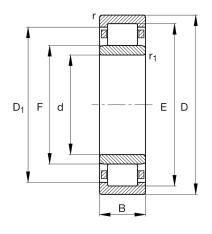
Cylindrical roller bearing

Schaeffler ID: 0192387970030

Cylindrical 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

# Technical information





#### **Main Dimensions & Performance Data**

d	1,772 in	Bore diameter
D	3,346 in	Outside diameter
В	0,748 in	Width
C <sub>r</sub>	17.086,331 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	15.287,77 lbf	Basic static load rating, radial
C ur	1.978,417 lbf	Fatigue load limit, radial
n <sub>G</sub>	15.300 1/min	Limiting speed
n <sub>ðr</sub>	6.900 1/min	Reference speed
	1,054 lbs	\${Weight}

# **Mounting dimensions**

d <sub>a min</sub>	2,047 in	Minimum diameter shaft shoulder
d <sub>a max</sub>	2,126 in	Maximum diameter of shaft shoulder
d <sub>b min</sub>	2,244 in	Minimum shaft shoulder
D <sub>a max</sub>	3,071 in	Maximum diameter of housing shoulder
r <sub>a max</sub>	0,039 in	Maximum recess radius
r <sub>a1 max</sub>	0,039 in	Maximum recess radius

# **Dimensions**

r <sub>min</sub>	0,043 in	Minimum chamfer dimension
r <sub>1 min</sub>	0,043 in	Minimum chamfer dimension
S	0,039 in	Axial displacement
E	3,012 in	Raceway diameter outer ring
F	2,146 in	Raceway diameter inner ring
D <sub>1 min</sub>	2,886 in	Minimum rib diameter outer ring

# Temperature range

T <sub>min</sub>	-22 °F	Operating temperature min.
T <sub>max</sub>	302 °F	Operating temperature max.

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

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