15.09.2023, 21:05:38 UTC SCHAEFFLER



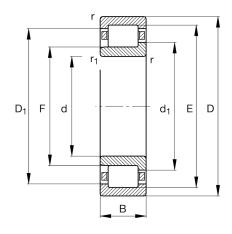
# NJ308-E-XL-M1

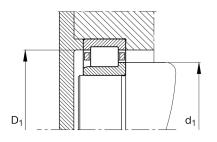
Cylindrical roller bearing

Schaeffler ID: 0167361410000

Cylindrical roller bearing NJ..-E-XL-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

#### Technical information





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

d	1,575 in	Bore diameter
D	3,543 in	Outside diameter
В	0,906 in	Width
C <sub>r</sub>	21.582,734 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	17.760,791 lbf	Basic static load rating, radial
C ur	3.080,036 lbf	Fatigue load limit, radial
n <sub>G</sub>	14.200 1/min	Limiting speed
n <sub>ðr</sub>	7.100 1/min	Reference speed
	1,684 lbs	\${Weight}

#### **Mounting dimensions**

d <sub>a min</sub>	1,929 in	Minimum diameter shaft shoulder
d <sub>a max</sub>	2,008 in	Maximum diameter of shaft shoulder
D <sub>a max</sub>	3,189 in	Maximum diameter of housing shoulder
d <sub>c min</sub>	2,362 in	Minimum shaft shoulder
r <sub>a max</sub>	0,059 in	Maximum recess radius

### Dimensions

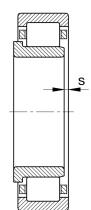
r <sub>min</sub>	0,059 in	Minimum chamfer dimension
r <sub>1 min</sub>	0,059 in	Minimum chamfer dimension
S	0,047 in	Axial displacement
Е	3,15 in	Raceway diameter outer ring
F	2,047 in	Raceway diameter inner ring
D <sub>1 min</sub>	2,989 in	Minimum rib diameter outer ring
d <sub>1</sub>	2,266 in	Maximum rib diameter inner 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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## **Additional information**

HJ308-E

L-washer

