15.09.2023, 21:02:59 UTC SCHAEFFLER



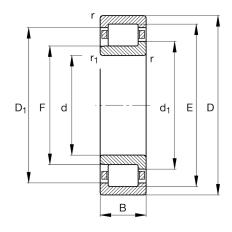
NJ216-E-XL-M1

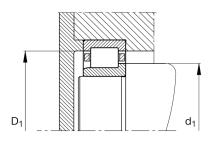
Cylindrical roller bearing

Schaeffler ID: 0190075310000

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	3,15 in	Bore diameter
D	5,512 in	Outside diameter
В	1,024 in	Width
C _r	37.320,144 lbf	Basic dynamic load rating, radial
C _{0r}	37.769,784 lbf	Basic static load rating, radial
C ur	6.632,194 lbf	Fatigue load limit, radial
n _G	9.000 1/min	Limiting speed
n _{ðr}	4.200 1/min	Reference speed
	3,814 lbs	\${Weight}

Mounting dimensions

d _{a min}	3,583 in	Minimum diameter shaft shoulder
d _{a max}	3,701 in	Maximum diameter of shaft shoulder
D _{a max}	5,079 in	Maximum diameter of housing shoulder
d _{c min}	4,094 in	Minimum shaft shoulder
r _{a max}	0,079 in	Maximum recess radius

Dimensions

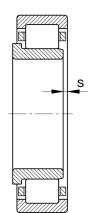
r _{min}	0,079 in	Minimum chamfer dimension
r _{1 min}	0,079 in	Minimum chamfer dimension
S	0,051 in	Axial displacement
Е	4,933 in	Raceway diameter outer ring
F	3,752 in	Raceway diameter inner ring
D _{1 min}	4,742 in	Minimum rib diameter outer ring
d ₁	3,996 in	Maximum rib diameter inner ring

Temperature range

T _{min}	-22 °F	Operating temperature min.
T _{max}	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

HJ216-E

L-washer

