15.09.2023, 21:06:07 UTC SCHAEFFLER



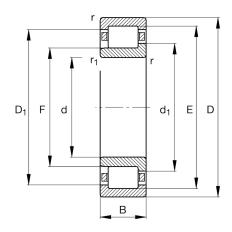
NJ317-E-XL-M1

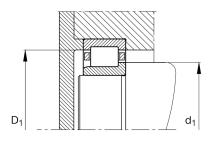
Cylindrical roller bearing

Schaeffler ID: 0192286190000

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	3,346 in	Bore diameter
D	7,087 in	Outside diameter
В	1,614 in	Width
C _r	76.438,849 lbf	Basic dynamic load rating, radial
C _{0r}	73.066,547 lbf	Basic static load rating, radial
C ur	13.039,568 lbf	Fatigue load limit, radial
n _G	6.800 1/min	Limiting speed
n _{ðr}	3.800 1/min	Reference speed
	11,684 lbs	\${Weight}

Mounting dimensions

d _{a min}	3,898 in	Minimum diameter shaft shoulder
d _{a max}	4,173 in	Maximum diameter of shaft shoulder
D _{a max}	6,535 in	Maximum diameter of housing shoulder
d _{c min}	4,685 in	Minimum shaft shoulder
r _{a max}	0,098 in	Maximum recess radius

Dimensions

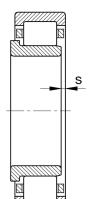
r _{min}	0,118 in	Minimum chamfer dimension
r _{1 min}	0,118 in	Minimum chamfer dimension
S	0,051 in	Axial displacement
Е	6,299 in	Raceway diameter outer ring
F	4,252 in	Raceway diameter inner ring
D _{1 min}	6,013 in	Minimum rib diameter outer ring
d ₁	4,636 in	Maximum rib diameter inner ring

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

HJ317-E

L-washer

