

FAG

NJ2312-E-XL-M1

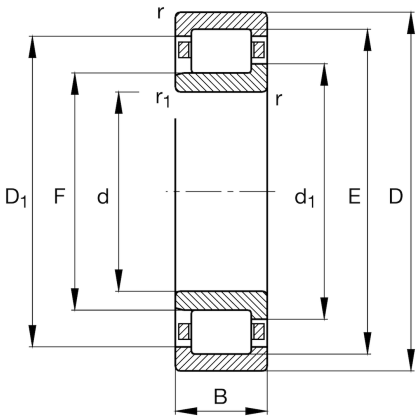
Cylindrical roller bearing

Schaeffler ID:  
0192254150000

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

X-life

Technical information



Main Dimensions & Performance Data

d	2,362 in	Bore diameter
D	5,118 in	Outside diameter
B	1,811 in	Width
C <sub>r</sub>	59.577,338 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	58.453,237 lbf	Basic static load rating, radial
C <sub>ur</sub>	11.241,007 lbf	Fatigue load limit, radial
n <sub>G</sub>	9.600 1/min	Limiting speed
n <sub>gr</sub>	4.250 1/min	Reference speed
	6,746 lbs	Weight

Mounting dimensions

d <sub>a min</sub>	2,835 in	Minimum diameter shaft shoulder
d <sub>a max</sub>	2,953 in	Maximum diameter of shaft shoulder
D <sub>a max</sub>	4,646 in	Maximum diameter of housing shoulder
d <sub>c min</sub>	3,386 in	Minimum shaft shoulder
r <sub>a max</sub>	0,079 in	Maximum recess radius

Dimensions

r <sub>min</sub>	0,083 in	Minimum chamfer dimension
r <sub>1 min</sub>	0,083 in	Minimum chamfer dimension
s	0,138 in	Axial displacement
E	4,528 in	Raceway diameter outer ring
F	3,031 in	Raceway diameter inner ring
D <sub>1 min</sub>	4,316 in	Minimum rib diameter outer ring
d <sub>1</sub>	3,321 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.

Additional information

HJ2312-E

L-washer

