

FAG

NJ317-E-XL-M1

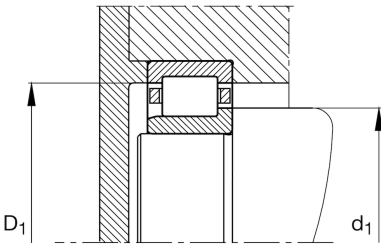
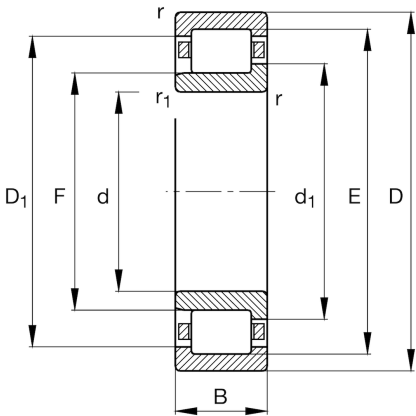
Cylindrical roller bearing

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

X-life

Technical information



Main Dimensions & Performance Data

d	3,346 in	Bore diameter
D	7,087 in	Outside diameter
B	1,614 in	Width
C <sub>r</sub>	76.438,849 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	73.066,547 lbf	Basic static load rating, radial
C <sub>ur</sub>	13.039,568 lbf	Fatigue load limit, radial
n <sub>G</sub>	6.800 1/min	Limiting speed
n <sub>gr</sub>	3.800 1/min	Reference speed
	11,684 lbs	Weight

Mounting dimensions

d <sub>a min</sub>	3,898 in	Minimum diameter shaft shoulder
d <sub>a max</sub>	4,173 in	Maximum diameter of shaft shoulder
D <sub>a max</sub>	6,535 in	Maximum diameter of housing shoulder
d <sub>c min</sub>	4,685 in	Minimum shaft shoulder
r <sub>a max</sub>	0,098 in	Maximum recess radius

Dimensions

r <sub>min</sub>	0,118 in	Minimum chamfer dimension
r <sub>1 min</sub>	0,118 in	Minimum chamfer dimension
s	0,051 in	Axial displacement
E	6,299 in	Raceway diameter outer ring
F	4,252 in	Raceway diameter inner ring
D <sub>1 min</sub>	6,013 in	Minimum rib diameter outer ring
d <sub>1</sub>	4,636 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.

Additional information

HJ317-E

L-washer

