



FAG

NJ2216-E-XL-M1-C3

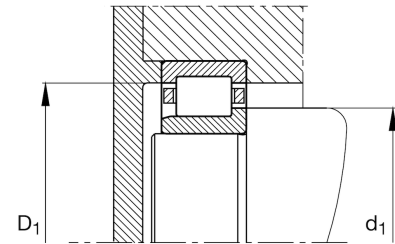
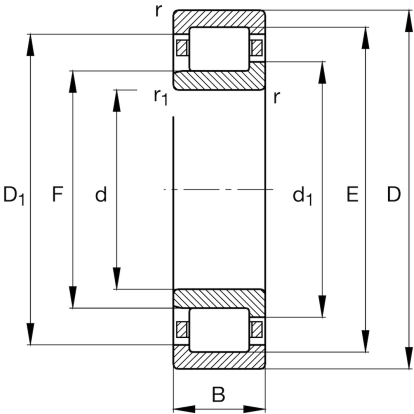
Cylindrical roller bearing

Schaeffler ID:
0167350050030

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	3,15 in	Bore diameter
D	5,512 in	Outside diameter
B	1,299 in	Width
C _r	49.685,252 lbf	Basic dynamic load rating, radial
C _{0r}	54.856,115 lbf	Basic static load rating, radial
C _{ur}	9.892,086 lbf	Fatigue load limit, radial
n _G	9.000 1/min	Limiting speed
n _{gr}	3.400 1/min	Reference speed
	5,311 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
E	5,012 in	Raceway diameter outer ring
F	3,752 in	Raceway diameter inner ring
D _{1 min}	4,837 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.

Additional information

HJ216-E

L-washer

