

FAG

NU209-E-XL-M1-C3

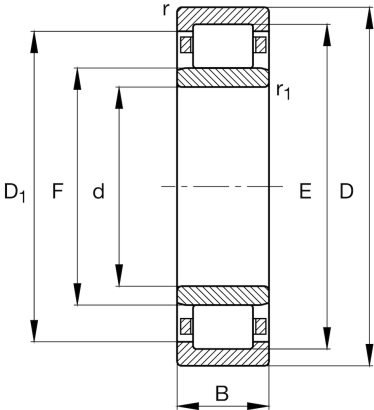
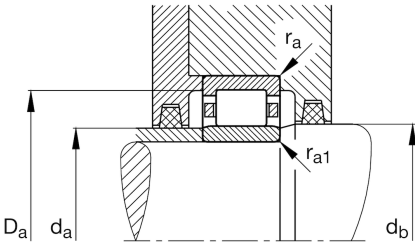
Cylindrical roller bearing

Schaeffler ID:  
0192387970030

Cylindrical roller bearing NU..-E-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

X-life

Technical information



Main Dimensions & Performance Data

d	1,772 in	Bore diameter
D	3,346 in	Outside diameter
B	0,748 in	Width
C <sub>r</sub>	17.086,331 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	15.287,77 lbf	Basic static load rating, radial
C <sub>ur</sub>	1.978,417 lbf	Fatigue load limit, radial
n <sub>G</sub>	15.300 1/min	Limiting speed
n <sub>gr</sub>	6.900 1/min	Reference speed
	1,054 lbs	Weight

Mounting dimensions

d <sub>a min</sub>	2,047 in	Minimum diameter shaft shoulder
d <sub>a max</sub>	2,126 in	Maximum diameter of shaft shoulder
d <sub>b min</sub>	2,244 in	Minimum shaft shoulder
D <sub>a max</sub>	3,071 in	Maximum diameter of housing shoulder
r <sub>a max</sub>	0,039 in	Maximum recess radius
r <sub>a1 max</sub>	0,039 in	Maximum recess radius

Dimensions

r <sub>min</sub>	0,043 in	Minimum chamfer dimension
r <sub>1 min</sub>	0,043 in	Minimum chamfer dimension
s	0,039 in	Axial displacement
E	3,012 in	Raceway diameter outer ring
F	2,146 in	Raceway diameter inner ring
D <sub>1 min</sub>	2,886 in	Minimum rib diameter outer ring

Temperature range

T <sub>min</sub>	-22 °F	Operating temperature min.
T <sub>max</sub>	302 °F	Operating temperature max.

