

FAG

NJ218-E-XL-M1

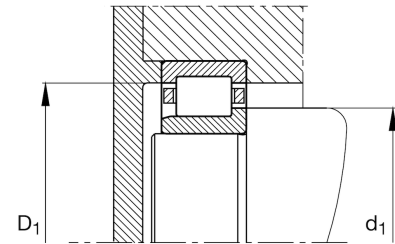
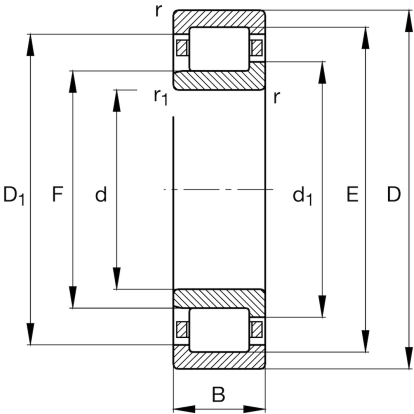
Cylindrical roller bearing

Schaeffler ID:
0192224670000

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	3,543 in	Bore diameter
D	6,299 in	Outside diameter
B	1,181 in	Width
C _r	48.336,331 lbf	Basic dynamic load rating, radial
C _{0r}	48.785,971 lbf	Basic static load rating, radial
C _{ur}	8.430,755 lbf	Fatigue load limit, radial
n _G	7.800 1/min	Limiting speed
n _{gr}	3.900 1/min	Reference speed
	5,842 lbs	Weight

Mounting dimensions

d _{a min}	3,976 in	Minimum diameter shaft shoulder
d _{a max}	4,134 in	Maximum diameter of shaft shoulder
D _{a max}	5,866 in	Maximum diameter of housing shoulder
d _{c min}	4,567 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	0,059 in	Axial displacement
E	5,709 in	Raceway diameter outer ring
F	4,213 in	Raceway diameter inner ring
D _{1 min}	5,501 in	Minimum rib diameter outer ring
d ₁	4,498 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.

Additional information

HJ218-E

L-washer

