

FAG

NJ2224-E-XL-TVP2-C3

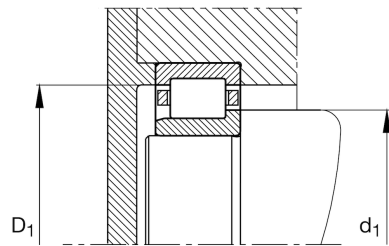
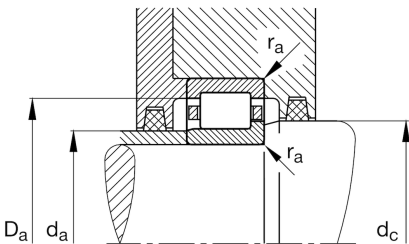
Cylindrical roller bearing

Schaeffler ID:
0192240440030

Cylindrical roller bearing NJ..-E-XL-TVP2, 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	4,724 in	Bore diameter
D	8,465 in	Outside diameter
B	2,283 in	Width
C _r	119.154,676 lbf	Basic dynamic load rating, radial
C _{0r}	137.140,288 lbf	Basic static load rating, radial
C _{ur}	23.381,295 lbf	Fatigue load limit, radial
n _G	4.350 1/min	Limiting speed
n _{gr}	2.500 1/min	Reference speed
	19,312 lbs	Weight

Mounting dimensions

d _{a min}	5,197 in	Minimum diameter shaft shoulder
d _{a max}	5,551 in	Maximum diameter of shaft shoulder
D _{a max}	7,992 in	Maximum diameter of housing shoulder
d _{c min}	6,142 in	Minimum shaft shoulder
r _{a max}	0,083 in	Maximum recess radius

Dimensions

r _{min}	0,083 in	Minimum chamfer dimension
r _{1 min}	0,083 in	Minimum chamfer dimension
s	0,177 in	Axial displacement
E	7,697 in	Raceway diameter outer ring
F	5,65 in	Raceway diameter inner ring
D _{1 min}	7,394 in	Minimum rib diameter outer ring
d ₁	6,031 in	Maximum rib diameter inner ring

Temperature range

T _{min}	-22 °F	Operating temperature min.
T _{max}	248 °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

HJ2224-E

L-washer

