

FAG

NJ2312-E-XL-TVP2-C4

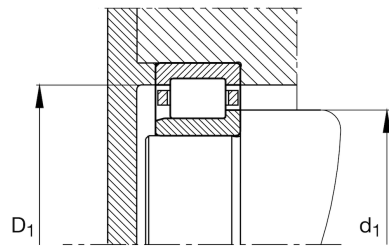
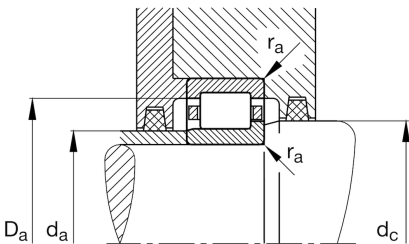
Cylindrical roller bearing

Schaeffler ID:
0192254900040

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	2,362 in	Bore diameter
D	5,118 in	Outside diameter
B	1,811 in	Width
C _r	59.577,338 lbf	Basic dynamic load rating, radial
C _{0r}	58.453,237 lbf	Basic static load rating, radial
C _{ur}	11.241,007 lbf	Fatigue load limit, radial
n _G	7.400 1/min	Limiting speed
n _{gr}	4.250 1/min	Reference speed
	6,151 lbs	Weight

Mounting dimensions

d _{a min}	2,835 in	Minimum diameter shaft shoulder
d _{a max}	2,953 in	Maximum diameter of shaft shoulder
D _{a max}	4,646 in	Maximum diameter of housing shoulder
d _{c min}	3,386 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	0,138 in	Axial displacement
E	4,528 in	Raceway diameter outer ring
F	3,031 in	Raceway diameter inner ring
D _{1 min}	4,315 in	Minimum rib diameter outer ring
d ₁	3,323 in	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ2312-E

L-washer

