

FAG

NJ322-E-XL-M1

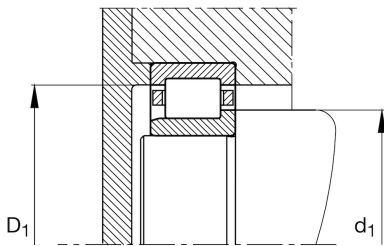
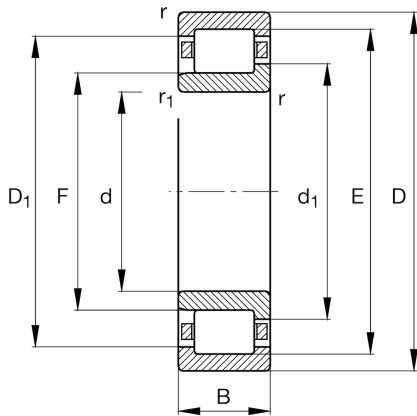
Cylindrical roller bearing

Schaeffler ID:
0192290540000

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	4,331 in	Bore diameter
D	9,449 in	Outside diameter
B	1,969 in	Width
C_r	116.906,475 lbf	Basic dynamic load rating, radial
C_{0r}	114.658,273 lbf	Basic static load rating, radial
C_{ur}	19.559,353 lbf	Fatigue load limit, radial
n_G	5.000 1/min	Limiting speed
$n_{\vartheta r}$	2.950 1/min	Reference speed
	25,662 lbs	{Weight}

Mounting dimensions

$d_{a \min}$	4,882 in	Minimum diameter shaft shoulder
$d_{a \max}$	5,512 in	Maximum diameter of shaft shoulder
$D_{a \max}$	8,898 in	Maximum diameter of housing shoulder
$d_{c \min}$	6,22 in	Minimum shaft shoulder
$r_{a \max}$	0,098 in	Maximum recess radius

Dimensions

r_{\min}	0,118 in	Minimum chamfer dimension
$r_{1 \min}$	0,118 in	Minimum chamfer dimension
s	0,051 in	Axial displacement
E	8,307 in	Raceway diameter outer ring
F	5,63 in	Raceway diameter inner ring
$D_{1 \min}$	7,909 in	Minimum rib diameter outer ring
d_1	6,126 in	Maximum rib diameter inner ring

Temperature range

T_{\min}	-22 °F	Operating temperature min.
T_{\max}	302 °F	Operating temperature max.

Additional information

HJ322-E

L-washer

