

FAG

NJ311-E-XL-M1

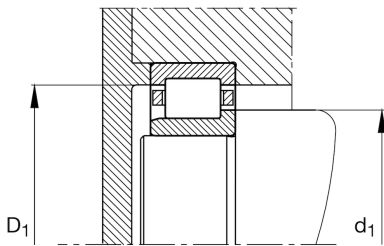
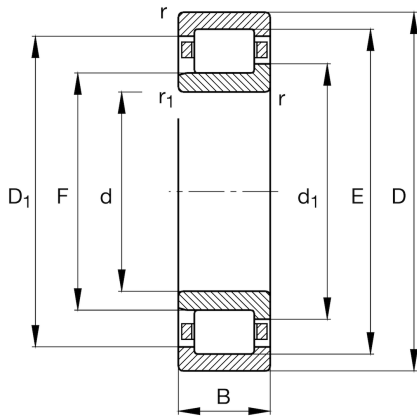
Cylindrical roller bearing

Schaeffler ID:
0382608670000

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	2,165 in	Bore diameter
D	4,724 in	Outside diameter
B	1,142 in	Width
C_r	35.746,403 lbf	Basic dynamic load rating, radial
C_{0r}	31.250 lbf	Basic static load rating, radial
C_{ur}	5.732,914 lbf	Fatigue load limit, radial
n_G	10.400 1/min	Limiting speed
n_{gr}	5.500 1/min	Reference speed
	3,682 lbs	{Weight}

Mounting dimensions

$d_{a \min}$	2,598 in	Minimum diameter shaft shoulder
$d_{a \max}$	2,717 in	Maximum diameter of shaft shoulder
$D_{a \max}$	4,291 in	Maximum diameter of housing shoulder
$d_{c \min}$	3,15 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	0,071 in	Axial displacement
E	4,193 in	Raceway diameter outer ring
F	2,776 in	Raceway diameter inner ring
$D_{1 \min}$	3,993 in	Minimum rib diameter outer ring
d_1	3,051 in	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ311-E

L-washer

