

FAG

NJ308-E-XL-M1

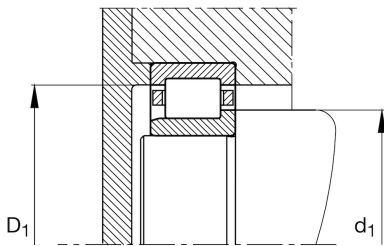
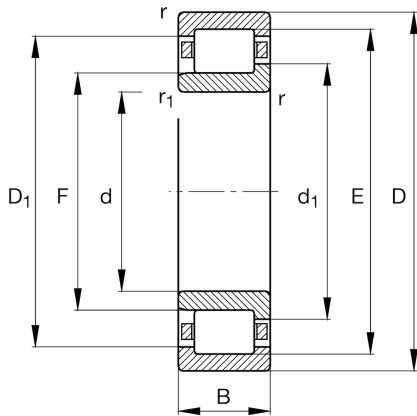
Cylindrical roller bearing

Schaeffler ID:
0167361410000

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	1,575 in	Bore diameter
D	3,543 in	Outside diameter
B	0,906 in	Width
C_r	21.582,734 lbf	Basic dynamic load rating, radial
C_{0r}	17.760,791 lbf	Basic static load rating, radial
C_{ur}	3.080,036 lbf	Fatigue load limit, radial
n_G	14.200 1/min	Limiting speed
$n_{\vartheta r}$	7.100 1/min	Reference speed
	1,684 lbs	{Weight}

Mounting dimensions

$d_{a \min}$	1,929 in	Minimum diameter shaft shoulder
$d_{a \max}$	2,008 in	Maximum diameter of shaft shoulder
$D_{a \max}$	3,189 in	Maximum diameter of housing shoulder
$d_{c \min}$	2,362 in	Minimum shaft shoulder
$r_{a \max}$	0,059 in	Maximum recess radius

Dimensions

r_{\min}	0,059 in	Minimum chamfer dimension
$r_{1 \min}$	0,059 in	Minimum chamfer dimension
s	0,047 in	Axial displacement
E	3,15 in	Raceway diameter outer ring
F	2,047 in	Raceway diameter inner ring
$D_{1 \min}$	2,989 in	Minimum rib diameter outer ring
d_1	2,266 in	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ308-E

L-washer

