

FAG

**NJ216-E-XL-M1**

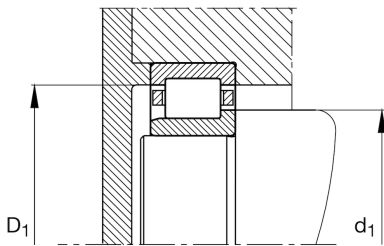
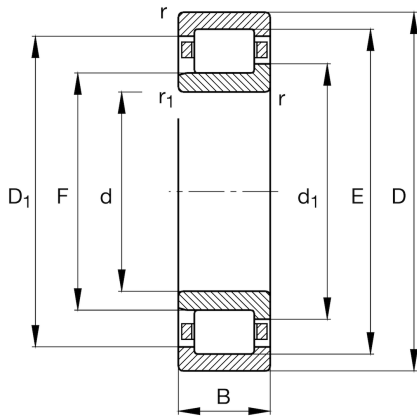
Cylindrical roller bearing

Schaeffler ID:  
0190075310000

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 &amp; Performance Data

d	3,15 in	Bore diameter
D	5,512 in	Outside diameter
B	1,024 in	Width
$C_r$	37.320,144 lbf	Basic dynamic load rating, radial
$C_{0r}$	37.769,784 lbf	Basic static load rating, radial
$C_{ur}$	6.632,194 lbf	Fatigue load limit, radial
$n_G$	9.000 1/min	Limiting speed
$n_{gr}$	4.200 1/min	Reference speed
	3,814 lbs	{Weight}

## Mounting dimensions

$d_{a \min}$	3,583 in	Minimum diameter shaft shoulder
$d_{a \max}$	3,701 in	Maximum diameter of shaft shoulder
$D_{a \max}$	5,079 in	Maximum diameter of housing shoulder
$d_{c \min}$	4,094 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	0,051 in	Axial displacement
E	4,933 in	Raceway diameter outer ring
F	3,752 in	Raceway diameter inner ring
$D_{1 \min}$	4,742 in	Minimum rib diameter outer ring
$d_1$	3,996 in	Maximum rib diameter inner ring

## Temperature range

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

## Additional information

HJ216-E

L-washer

