

FAG

## ★ NJ310-E-XL-TVP2

Cylindrical roller bearing

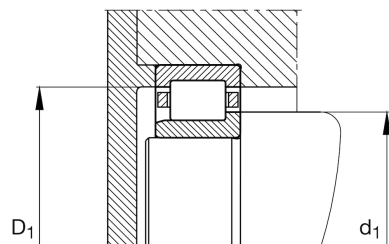
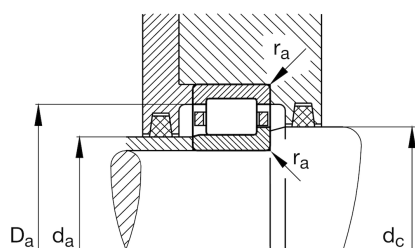
Schaeffler ID:  
0167363030000

★ Preferred product

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



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	1,306 kg	Weight

## Main Dimensions &amp; Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
$C_r$	131.000 N	Basic dynamic load rating, radial
$C_{0r}$	114.000 N	Basic static load rating, radial
$C_{ur}$	20.400 N	Fatigue load limit, radial
$n_G$	7.800 1/min	Limiting speed
$n_{gr}$	6.000 1/min	Reference speed

## Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
$r_{1\min}$	2 mm	Minimum chamfer dimension
s	1,7 mm	Axial displacement
E	97 mm	Raceway diameter outer ring
F	65 mm	Raceway diameter inner ring
$D_{1\min}$	92,5 mm	Minimum rib diameter outer ring
$d_1$	71,3 mm	Maximum rib diameter inner ring

## Mounting dimensions

$d_{a\min}$	61 mm	Minimum diameter shaft shoulder
$d_{a\max}$	63 mm	Maximum diameter of shaft shoulder
$D_{a\max}$	99 mm	Maximum diameter of housing shoulder
$d_{c\min}$	73 mm	Minimum shaft shoulder
$r_{a\max}$	2 mm	Maximum recess radius

Additional information

HJ310-E

L-washer

