



FAG

## ★ NJ314-E-XL-TVP2

Cylindrical roller bearing

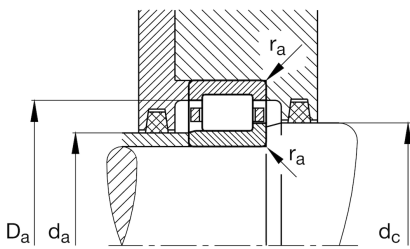
Schaeffler ID:  
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★ Preferred product

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.
	2,79 kg	Weight

## Main Dimensions &amp; Performance Data

d	70 mm	Bore diameter
D	150 mm	Outside diameter
B	35 mm	Width
$C_r$	242.000 N	Basic dynamic load rating, radial
$C_{0r}$	222.000 N	Basic static load rating, radial
$C_{ur}$	40.000 N	Fatigue load limit, radial
$n_G$	5.500 1/min	Limiting speed
$n_{gr}$	4.500 1/min	Reference speed

## Dimensions

$r_{min}$	2,1 mm	Minimum chamfer dimension
$r_{1min}$	2,1 mm	Minimum chamfer dimension
s	1,7 mm	Axial displacement
E	133 mm	Raceway diameter outer ring
F	89 mm	Raceway diameter inner ring
$D_{1min}$	126,8 mm	Minimum rib diameter outer ring
$d_1$	97,4 mm	Maximum rib diameter inner ring

## Mounting dimensions

$d_{amin}$	82 mm	Minimum diameter shaft shoulder
$d_{amax}$	87 mm	Maximum diameter of shaft shoulder
$D_{amax}$	138 mm	Maximum diameter of housing shoulder
$d_{cmin}$	100 mm	Minimum shaft shoulder
$r_{amax}$	2,1 mm	Maximum recess radius

Additional information

HJ314-E

L-washer

