

FAG

## ★ NUP314-E-XL-TVP2

Cylindrical roller bearing

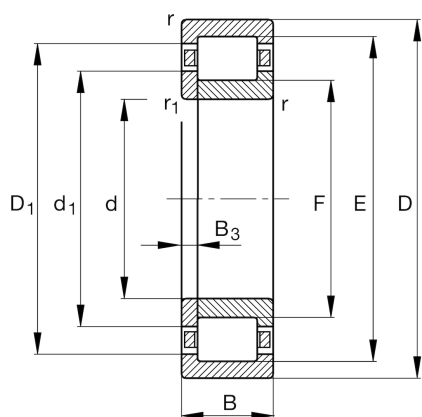
Schaeffler ID:  
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★ Preferred product

Cylindrical roller bearing NUP.-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	2,85 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
$C_{ur}$	40.500 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
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
E	133 mm	Raceway diameter outer ring
F	89 mm	Raceway diameter inner ring
$B_3$	5,5 mm	Width of loose rib

## Mounting dimensions

$d_1$	97,4 mm	Maximum rib diameter inner ring
$D_{1\min}$	126,8 mm	Minimum rib diameter outer ring
$d_{a\min}$	82 mm	Minimum diameter shaft shoulder
$d_{c\min}$	100 mm	Minimum shaft shoulder
$D_{a\max}$	138 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum recess radius

