

FAG

## ★ NJ307-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:  
0167361250000

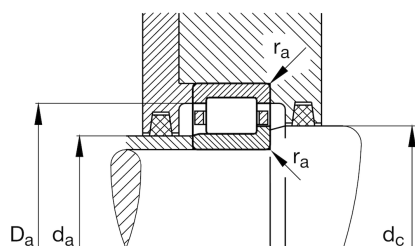
★ Preferred product

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

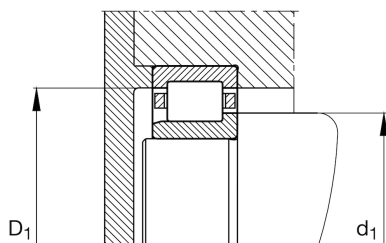
## Technical information

## Main Dimensions &amp; Performance Data



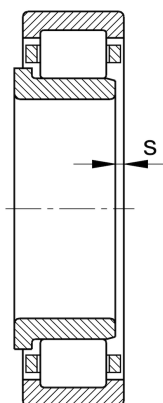
d	35 mm	Bore diameter
D	80 mm	Outside diameter
B	21 mm	Width
$C_r$	76.000 N	Basic dynamic load rating, radial
$C_{0r}$	63.000 N	Basic static load rating, radial
$C_{ur}$	10.800 N	Fatigue load limit, radial
$n_G$	10.900 1/min	Limiting speed
$n_{gr}$	7.900 1/min	Reference speed
	0,481 kg	Weight

## Dimensions



	HJ307-E	L-washer
$r_{min}$	1,5 mm	Minimum chamfer dimension
$r_{1min}$	1,1 mm	Minimum chamfer dimension
s	0,6 mm	Axial displacement
E	70,2 mm	Raceway diameter outer ring
F	46,2 mm	Raceway diameter inner ring
$D_{1min}$	66,6 mm	Minimum rib diameter outer ring
$d_1$	51 mm	Maximum rib diameter inner ring

## Mounting dimensions



$d_{a min}$	42 mm	Minimum diameter shaft shoulder
$d_{a max}$	45 mm	Maximum diameter of shaft shoulder
$D_{a max}$	71 mm	Maximum diameter of housing shoulder
$d_{c min}$	53 mm	Minimum shaft shoulder
$r_{a max}$	1,5 mm	Maximum recess radius

## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

