



FAG

## ★ NJ2309-E-XL-TVP2

Cylindrical roller bearing

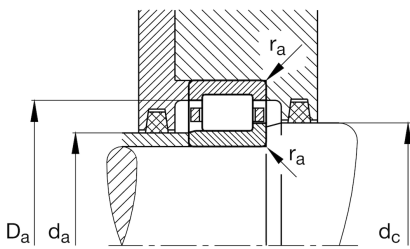
Schaeffler ID:  
0167354390000

★ 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.
	1,31 kg	Weight

## Main Dimensions &amp; Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	36 mm	Width
$C_r$	163.000 N	Basic dynamic load rating, radial
$C_{0r}$	154.000 N	Basic static load rating, radial
$C_{ur}$	28.500 N	Fatigue load limit, radial
$n_G$	8.500 1/min	Limiting speed
$n_{gr}$	5.200 1/min	Reference speed

## Dimensions

$r_{min}$	1,5 mm	Minimum chamfer dimension
$r_{1 min}$	1,5 mm	Minimum chamfer dimension
s	2,5 mm	Axial displacement
E	88,5 mm	Raceway diameter outer ring
F	58,5 mm	Raceway diameter inner ring
$D_{1 min}$	84,1 mm	Minimum rib diameter outer ring
$d_1$	64,4 mm	Maximum rib diameter inner ring

## Mounting dimensions

$d_{a min}$	54 mm	Minimum diameter shaft shoulder
$d_{a max}$	57 mm	Maximum diameter of shaft shoulder
$D_{a max}$	91 mm	Maximum diameter of housing shoulder
$d_{c min}$	66 mm	Minimum shaft shoulder
$r_{a max}$	1,5 mm	Maximum recess radius

Additional information

HJ2309-E

L-washer

