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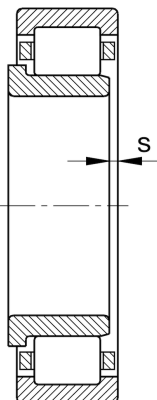
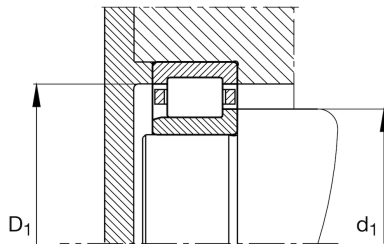
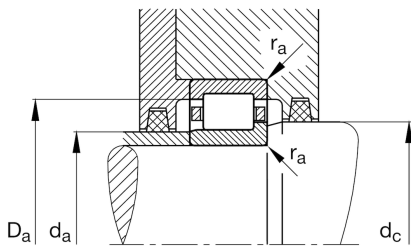
**NJ2306-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0167353310000Cylindrical 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 & Performance Data**

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
C <sub>r</sub>	86,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	75,000 N	Basic static load rating, radial
C <sub>ur</sub>	13,200 N	Fatigue load limit, radial
n <sub>G</sub>	14,200 1/min	Limiting speed
n <sub>gr</sub>	7,200 1/min	Reference speed
	0.536 kg	Weight

**Dimensions**

r <sub>min</sub>	1.1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1.1 mm	Minimum chamfer dimension
s	2.2 mm	Axial displacement
E	62.5 mm	Raceway diameter outer ring
F	40.5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	59.2 mm	Minimum rib diameter outer ring
d <sub>1</sub>	45 mm	Maximum rib diameter inner ring

**Mounting dimensions**

d <sub>a min</sub>	37 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	40 mm	Maximum diameter of shaft shoulder
D <sub>a max</sub>	65 mm	Maximum diameter of housing shoulder
d <sub>c min</sub>	48 mm	Minimum shaft shoulder
r <sub>a max</sub>	1 mm	Maximum recess radius

**Additional information**

HJ2306-E

L-washer

**Temperature range**

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