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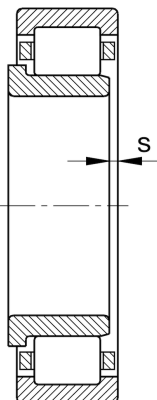
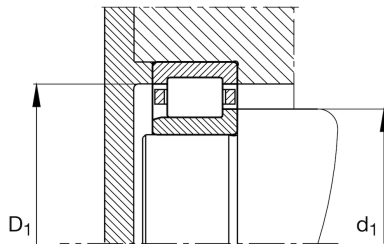
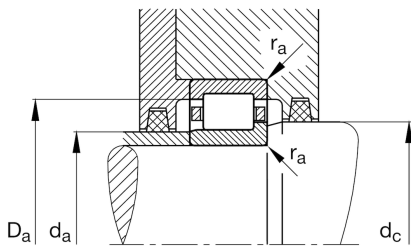
**NJ211-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0167344400000Cylindrical 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	55 mm	Bore diameter
D	100 mm	Outside diameter
B	21 mm	Width
C <sub>r</sub>	99,000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	95,000 N	Basic static load rating, radial
C <sub>ur</sub>	16,400 N	Fatigue load limit, radial
n <sub>G</sub>	10,000 1/min	Limiting speed
n <sub>gr</sub>	5,800 1/min	Reference speed
	0.67 kg	Weight

**Dimensions**

r <sub>min</sub>	1.5 mm	Minimum chamfer dimension
r <sub>1 min</sub>	1.1 mm	Minimum chamfer dimension
s	0.8 mm	Axial displacement
E	90 mm	Raceway diameter outer ring
F	66 mm	Raceway diameter inner ring
D <sub>1 min</sub>	86.6 mm	Minimum rib diameter outer ring
d <sub>1</sub>	70.8 mm	Maximum rib diameter inner ring

**Mounting dimensions**

d <sub>a min</sub>	62 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	65 mm	Maximum diameter of shaft shoulder
D <sub>a max</sub>	91 mm	Maximum diameter of housing shoulder
d <sub>c min</sub>	73 mm	Minimum shaft shoulder
r <sub>a max</sub>	1.5 mm	Maximum recess radius

**Additional information**

HJ211-E

L-washer

**Temperature range**

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