



FAG

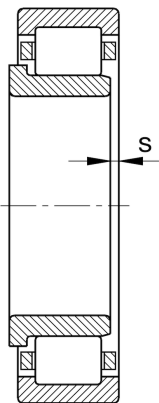
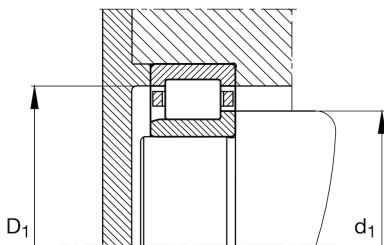
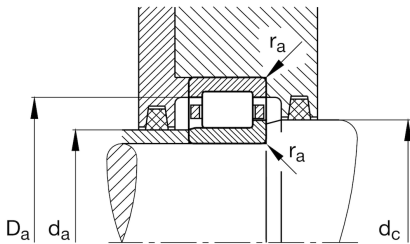
**NJ2311-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0192253770000Cylindrical 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	120 mm	Outside diameter
B	43 mm	Width
C <sub>r</sub>	235.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	230.000 N	Basic static load rating, radial
C <sub>ur</sub>	44.000 N	Fatigue load limit, radial
n <sub>G</sub>	8.000 1/min	Limiting speed
n <sub>gr</sub>	4.500 1/min	Reference speed
	2,24 kg	Weight

**Dimensions**

	HJ2311-E	L-washer
r <sub>min</sub>	2 mm	Minimum chamfer dimension
r <sub>1 min</sub>	2 mm	Minimum chamfer dimension
s	3,3 mm	Axial displacement
E	106,5 mm	Raceway diameter outer ring
F	70,5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	101,4 mm	Minimum rib diameter outer ring
d <sub>1</sub>	77,5 mm	Maximum rib diameter inner ring

**Mounting dimensions**

d <sub>a min</sub>	66 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	69 mm	Maximum diameter of shaft shoulder
D <sub>a max</sub>	109 mm	Maximum diameter of housing shoulder
d <sub>c min</sub>	80 mm	Minimum shaft shoulder
r <sub>a max</sub>	2 mm	Maximum recess radius

**Temperature range**

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

