



FAG

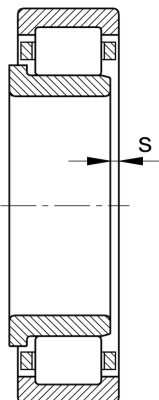
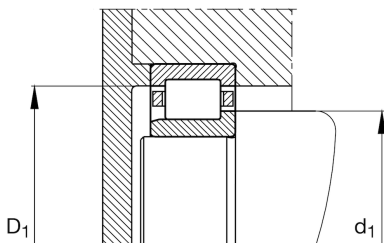
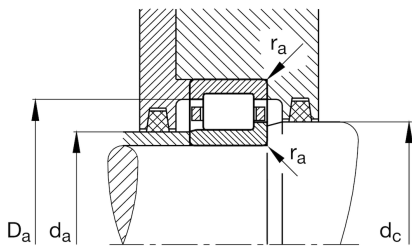
**NJ2310-E-XL-TVP2**

Cylindrical roller bearing

Schaeffler ID:  
0167355010000Cylindrical 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	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
C <sub>r</sub>	193.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	187.000 N	Basic static load rating, radial
C <sub>ur</sub>	35.500 N	Fatigue load limit, radial
n <sub>G</sub>	8.900 1/min	Limiting speed
n <sub>gr</sub>	4.900 1/min	Reference speed
	1,75 kg	Weight

**Dimensions**

d <sub>a min</sub>	61 mm	Minimum diameter shaft shoulder
r <sub>min</sub>	2 mm	Minimum chamfer dimension
d <sub>a max</sub>	63 mm	Maximum diameter of shaft shoulder
r <sub>1 min</sub>	2 mm	Minimum chamfer dimension
s	4,2 mm	Axial displacement
D <sub>a max</sub>	99 mm	Maximum diameter of housing shoulder
E	97 mm	Raceway diameter outer ring
F	65 mm	Raceway diameter inner ring
D <sub>1 min</sub>	92,5 mm	Minimum rib diameter outer ring
d <sub>c min</sub>	73 mm	Minimum shaft shoulder
d <sub>1</sub>	71,3 mm	Maximum rib diameter inner ring
r <sub>a max</sub>	2 mm	Maximum recess radius

**Additional information**

HJ2310-E	L-washer
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**Temperature range**

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

