



FAG

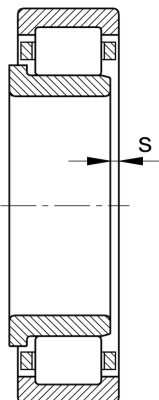
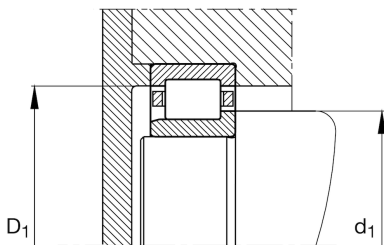
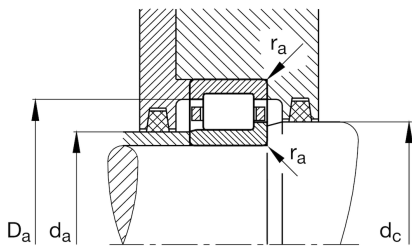
## NJ210-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:  
0167344160000Cylindrical 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 &amp; Performance Data

d	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
C <sub>r</sub>	75.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	69.000 N	Basic static load rating, radial
C <sub>ur</sub>	11.300 N	Fatigue load limit, radial
n <sub>G</sub>	11.100 1/min	Limiting speed
n <sub>gr</sub>	6.600 1/min	Reference speed
	0,484 kg	Weight

## Dimensions

d <sub>a min</sub>	57 mm	Minimum diameter shaft shoulder
r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
d <sub>a max</sub>	58 mm	Maximum diameter of shaft shoulder
r <sub>1 min</sub>	1,1 mm	Minimum chamfer dimension
s	1,3 mm	Axial displacement
D <sub>a max</sub>	83 mm	Maximum diameter of housing shoulder
E	81,5 mm	Raceway diameter outer ring
F	59,5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	78,3 mm	Minimum rib diameter outer ring
d <sub>c min</sub>	67 mm	Minimum shaft shoulder
d <sub>1</sub>	64 mm	Maximum rib diameter inner ring
r <sub>a max</sub>	1 mm	Maximum recess radius

## Additional information

HJ210-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.

