

FAG

## ★ NJ217-E-XL-TVP2

Cylindrical roller bearing

Schaeffler ID:  
0167346370000

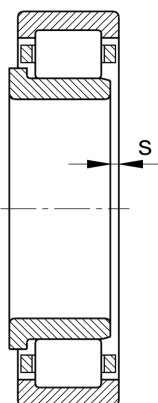
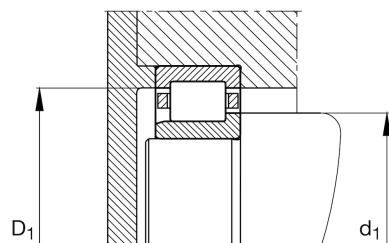
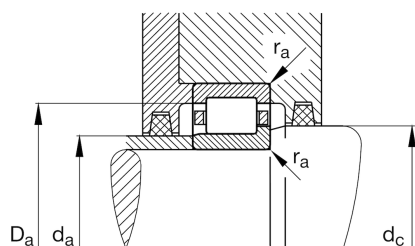
★ Preferred product

Cylindrical 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	85 mm	Bore diameter
D	150 mm	Outside diameter
B	28 mm	Width
C <sub>r</sub>	194.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	194.000 N	Basic static load rating, radial
C <sub>ur</sub>	34.000 N	Fatigue load limit, radial
n <sub>G</sub>	5.600 1/min	Limiting speed
n <sub>gr</sub>	4.000 1/min	Reference speed
	1,9 kg	Weight

## Dimensions

	HJ217-E	L-washer
r <sub>min</sub>	2 mm	Minimum chamfer dimension
r <sub>1 min</sub>	2 mm	Minimum chamfer dimension
s	0,8 mm	Axial displacement
E	136,5 mm	Raceway diameter outer ring
F	100,5 mm	Raceway diameter inner ring
D <sub>1 min</sub>	131,5 mm	Minimum rib diameter outer ring
d <sub>1</sub>	107,5 mm	Maximum rib diameter inner ring

## Mounting dimensions

d <sub>a min</sub>	96 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	99 mm	Maximum diameter of shaft shoulder
D <sub>a max</sub>	139 mm	Maximum diameter of housing shoulder
d <sub>c min</sub>	110 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.

