

FAG

**NJ2203-E-XL-TVP2**

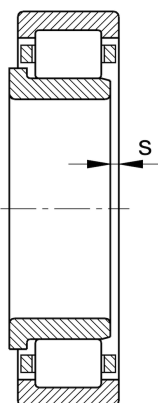
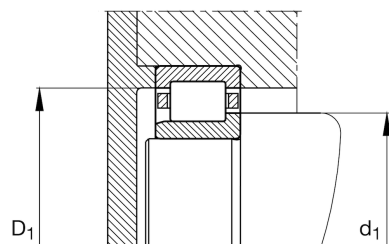
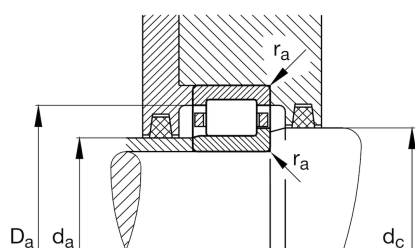
Cylindrical roller bearing

Schaeffler ID:  
0190075820000Cylindrical 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	17 mm	Bore diameter
D	40 mm	Outside diameter
B	16 mm	Width
C <sub>r</sub>	28,500 N	Basic dynamic load rating, radial
C <sub>0r</sub>	21,900 N	Basic static load rating, radial
C <sub>ur</sub>	3,550 N	Fatigue load limit, radial
n <sub>G</sub>	26,500 1/min	Limiting speed
n <sub>gr</sub>	13,200 1/min	Reference speed
	0.092 kg	Weight

## Dimensions

r <sub>min</sub>	0.6 mm	Minimum chamfer dimension
r <sub>1 min</sub>	0.3 mm	Minimum chamfer dimension
s	1.7 mm	Axial displacement
E	35.1 mm	Raceway diameter outer ring
F	22.1 mm	Raceway diameter inner ring
D <sub>1 min</sub>	32.5 mm	Minimum rib diameter outer ring
d <sub>1</sub>	24.7 mm	Maximum rib diameter inner ring

## Mounting dimensions

d <sub>a min</sub>	21 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	21.5 mm	Maximum diameter of shaft shoulder
D <sub>a max</sub>	36 mm	Maximum diameter of housing shoulder
d <sub>c min</sub>	26 mm	Minimum shaft shoulder
r <sub>a max</sub>	0.6 mm	Maximum recess radius

## Additional information

HJ2203-E

L-washer

**Temperature range**

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