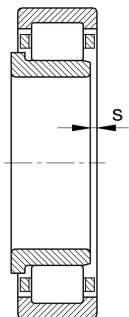
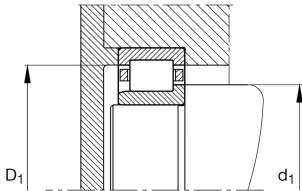
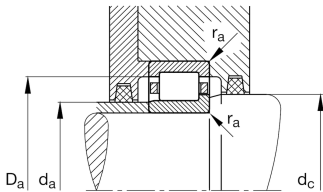
**FAG****NJ219-E-XL-TVP2**

Cylindrical roller bearing

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

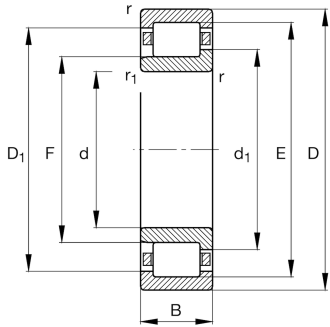


Your current product variant

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	95 mm	Bore diameter
D	170 mm	Outside diameter
B	32 mm	Width
C _r	260,000 N	Basic dynamic load rating, radial
C _{0r}	265,000 N	Basic static load rating, radial
C _{ur}	45,000 N	Fatigue load limit, radial
n _G	5,600 1/min	Limiting speed
n _{gr}	3,650 1/min	Reference speed
≈m	2.84 kg	Weight



Mounting dimensions

d a min	107 mm	Minimum diameter shaft shoulder
d a max	111 mm	Maximum diameter of shaft shoulder
D a max	158 mm	Maximum diameter of housing shoulder
d c min	123 mm	Minimum shaft shoulder
r a max	2.1 mm	Maximum recess radius

Dimensions

r min	2.1 mm	Minimum chamfer dimension
r 1 min	2.1 mm	Minimum chamfer dimension
s	0.7 mm	Axial displacement
E	154.5 mm	Raceway diameter outer ring
F	112.5 mm	Raceway diameter inner ring
D 1 min	148.6 mm	Minimum rib diameter outer ring
d 1	120.5 mm	Maximum rib diameter inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Additional information

HJ219-E	L-washer
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Characteristics

- Radial load
- Axial load in one direction
- Grease Lubrication
- Oil Lubrication
- Not sealed