

FAG

NJ2314-E-XL-TVP2-C3

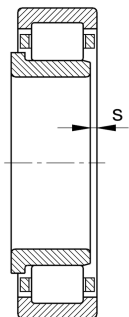
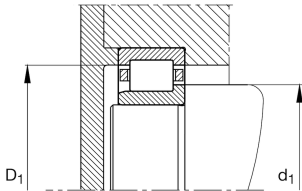
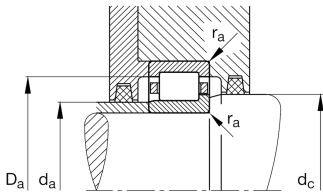
Cylindrical roller bearing

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

Schaeffler ID:
0192256600030

X-life

Technical information

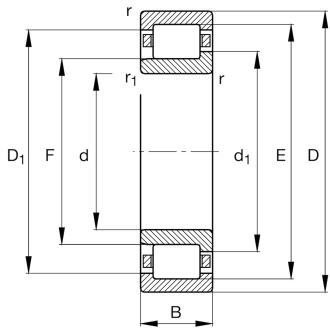


Your current product variant

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	150 mm	Outside diameter
B	51 mm	Width
C _r	325.000 N	Basic dynamic load rating, radial
C _{0r}	325.000 N	Basic static load rating, radial
C _{ur}	60.000 N	Fatigue load limit, radial
n _G	6.300 1/min	Limiting speed
n _{gr}	3.800 1/min	Reference speed
≈m	4,05 kg	Weight



Mounting dimensions

d a min	82 mm	Minimum diameter shaft shoulder
d a max	87 mm	Maximum diameter of shaft shoulder
D a max	138 mm	Maximum diameter of housing shoulder
d c min	100 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	4,7 mm	Axial displacement
E	133 mm	Raceway diameter outer ring
F	89 mm	Raceway diameter inner ring
D 1 min	126,8 mm	Minimum rib diameter outer ring
d 1	97,4 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ2314-E	L-washer
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Characteristics

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