



FAG

NJ309-E-XL-TVP2-C4

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

Informacje techniczne



Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	116.000 N	Basic dynamic load rating, radial
C _{0r}	99.000 N	Basic static load rating, radial
C _{ur}	17.500 N	Fatigue load limit, radial
n _G	8.500 1/min	Limiting speed
n _{gr}	6.400 1/min	Reference speed
≈m	0,885 kg	Masa



Mounting dimensions

d a min	54 mm	Minimum diameter shaft shoulder
d a max	57 mm	Maximum diameter of shaft shoulder
D a max	91 mm	Maximum diameter of housing shoulder
d c min	66 mm	Minimum shaft shoulder
r a max	1,5 mm	Maximum recess radius

Dimensions

r min	1,5 mm	Minimum chamfer dimension
r 1 min	1,5 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	88,5 mm	Raceway diameter outer ring
F	58,5 mm	Raceway diameter inner ring
D 1 min	84,1 mm	Minimum rib diameter outer ring
d 1	64,4 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ309-E	L-washer
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Właściwości

- Obciążenie promieniowe
- Obciążenie osiowe jednokierunkowe
- Smarowanie smarem
- Smarowanie olejem
- Bez uszczelnienia