



FAG

NJ304-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

X-life

Informacje techniczne



Twoja aktualna wersja produktu

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 (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	37.500 N	Basic dynamic load rating, radial
C _{0r}	27.000 N	Basic static load rating, radial
C _{ur}	3.950 N	Fatigue load limit, radial
n _G	17.200 1/min	Limiting speed
n _{gr}	11.900 1/min	Reference speed
≈m	0,15 kg	Masa



Mounting dimensions

d a min	24 mm	Minimum diameter shaft shoulder
d a max	27 mm	Maximum diameter of shaft shoulder
D a max	45 mm	Maximum diameter of housing shoulder
d c min	33 mm	Minimum shaft shoulder
r a max	1 mm	Maximum recess radius

Dimensions

r min	1,1 mm	Minimum chamfer dimension
r 1 min	0,6 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	45,5 mm	Raceway diameter outer ring
F	27,5 mm	Raceway diameter inner ring
D 1 min	42,4 mm	Minimum rib diameter outer ring
d 1	31,3 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ304-E	L-washer
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Właściwości

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