



FAG

NJ224-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	120 mm	Bore diameter
D	215 mm	Outside diameter
B	40 mm	Width
C _r	390.000 N	Basic dynamic load rating, radial
C _{0r}	415.000 N	Basic static load rating, radial
C _{ur}	70.000 N	Fatigue load limit, radial
n _G	4.350 1/min	Limiting speed
n _{gr}	3.050 1/min	Reference speed
≈m	5,745 kg	Masa



Mounting dimensions

d a min	132 mm	Minimum diameter shaft shoulder
d a max	141 mm	Maximum diameter of shaft shoulder
D a max	203 mm	Maximum diameter of housing shoulder
d c min	156 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	1,4 mm	Axial displacement
E	195,5 mm	Raceway diameter outer ring
F	143,5 mm	Raceway diameter inner ring
D 1 min	187,8 mm	Minimum rib diameter outer ring
d 1	153,2 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ224-E L-washer

Właściwości

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