



FAG

NJ2224-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	58 mm	Width
C _r	530.000 N	Basic dynamic load rating, radial
C _{0r}	610.000 N	Basic static load rating, radial
C _{ur}	104.000 N	Fatigue load limit, radial
n _G	4.350 1/min	Limiting speed
n _{gr}	2.500 1/min	Reference speed
≈m	8,76 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	4,5 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

HJ2224-E L-washer

Właściwości

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