



FAG

NJ312-E-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1, 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	M1	Two Piece Brass Cage Roller Guided
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	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C _r	177.000 N	Basic dynamic load rating, radial
C _{0r}	157.000 N	Basic static load rating, radial
C _{ur}	29.000 N	Fatigue load limit, radial
n _G	9.600 1/min	Limiting speed
n _{gr}	5.200 1/min	Reference speed
≈m	2,037 kg	Masa



Mounting dimensions

d _a min	72 mm	Minimum diameter shaft shoulder
d _a max	75 mm	Maximum diameter of shaft shoulder
D _a max	118 mm	Maximum diameter of housing shoulder
d _c min	86 mm	Minimum shaft shoulder
r _a max	2 mm	Maximum recess radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
r ₁ min	2,1 mm	Minimum chamfer dimension
s	1,8 mm	Axial displacement
E	115 mm	Raceway diameter outer ring
F	77 mm	Raceway diameter inner ring
D ₁ min	109,62 mm	Minimum rib diameter outer ring
d ₁	84,35 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Additional information

HJ312-E	L-washer
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Właściwości

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