



FAG

NJ303-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	17 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
C _r	30.000 N	Basic dynamic load rating, radial
C _{0r}	21.200 N	Basic static load rating, radial
C _{ur}	3.400 N	Fatigue load limit, radial
n _G	22.500 1/min	Limiting speed
n _{gr}	13.500 1/min	Reference speed
≈m	124 g	Masa



Mounting dimensions

d a min	21,2 mm	Minimum diameter shaft shoulder
d a max	23,5 mm	Maximum diameter of shaft shoulder
D a max	42,8 mm	Maximum diameter of housing shoulder
d c min	28 mm	Minimum shaft shoulder
r a max	1 mm	Maximum recess radius

Dimensions

r min	1 mm	Minimum chamfer dimension
r 1 min	0,6 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	40,2 mm	Raceway diameter outer ring
F	24,2 mm	Raceway diameter inner ring
D 1 min	37,1 mm	Minimum rib diameter outer ring
d 1	27,6 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ303-E L-washer

Właściwości

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