



FAG

NU2319-E-XL-TVP2-C3

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-TVP2, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

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	95 mm	Bore diameter
D	200 mm	Outside diameter
B	67 mm	Width
C _r	540.000 N	Basic dynamic load rating, radial
C _{0r}	580.000 N	Basic static load rating, radial
C _{ur}	101.000 N	Fatigue load limit, radial
n _G	4.700 1/min	Limiting speed
n _{gr}	2.800 1/min	Reference speed
m	9,3 kg	Masa



Mounting dimensions

d a min	109 mm	Minimum diameter shaft shoulder
d a max	119 mm	Maximum diameter of shaft shoulder
d b min	124 mm	Minimum shaft shoulder
D a max	186 mm	Maximum diameter of housing shoulder
r a max	2,5 mm	Maximum recess radius
r a1 max	2,5 mm	Maximum recess radius

Dimensions

r min	3 mm	Minimum chamfer dimension
r 1 min	3 mm	Minimum chamfer dimension
s	5,6 mm	Axial displacement
E	177,5 mm	Raceway diameter outer ring
F	121,5 mm	Raceway diameter inner ring
D 1 min	169,6 mm	Minimum rib diameter outer ring

Temperature range

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

Właściwości

	Obciążenie promieniowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia