



FAG

NUP224-E-XL-TVP2-C3

Cylindrical roller bearing

Cylindrical roller bearing NUP...-E-XL-TVP2, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

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}	69.000 N	Fatigue load limit, radial
n _G	4.350 1/min	Limiting speed
n _{gr}	3.050 1/min	Reference speed
≈m	5,83 kg	Masa



Mounting dimensions

d ₁	153,2 mm	Maximum rib diameter inner ring
D _{1 min}	187,8 mm	Minimum rib diameter outer ring
d _{a min}	132 mm	Minimum diameter shaft shoulder
d _{c min}	156 mm	Minimum shaft shoulder
D _{a max}	203 mm	Maximum diameter of housing 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
E	195,5 mm	Raceway diameter outer ring
F	143,5 mm	Raceway diameter inner ring
B ₃	6 mm	Width of loose rib

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Właściwości

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