



FAG

NUP221-E-XL-TVP2

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	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	105 mm	Bore diameter
D	190 mm	Outside diameter
B	36 mm	Width
C _r	310.000 N	Basic dynamic load rating, radial
C _{0r}	320.000 N	Basic static load rating, radial
C _{ur}	54.000 N	Fatigue load limit, radial
n _G	5.000 1/min	Limiting speed
n _{gr}	3.400 1/min	Reference speed
≈m	4,2 kg	Masa



Mounting dimensions

d 1	134,5 mm	Maximum rib diameter inner ring
D 1 min	165,1 mm	Minimum rib diameter outer ring
d a min	117 mm	Minimum diameter shaft shoulder
d c min	137 mm	Minimum shaft shoulder
D a max	178 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	171,5 mm	Raceway diameter outer ring
F	125,5 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