



FAG

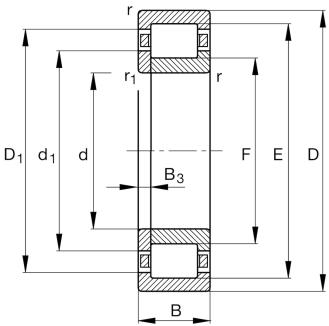
NUP312-E-XL-TVP2-C3

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	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	7.400 1/min	Limiting speed
n _{gr}	5.200 1/min	Reference speed
≈m	1,89 kg	Masa



Mounting dimensions

d 1	84,4 mm	Maximum rib diameter inner ring
D 1 min	109,6 mm	Minimum rib diameter outer ring
d a min	72 mm	Minimum diameter shaft shoulder
d c min	86 mm	Minimum shaft shoulder
D a max	118 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	115 mm	Raceway diameter outer ring
F	77 mm	Raceway diameter inner ring
B 3	5,5 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