



FAG

NU219-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	170 mm	Outside diameter
B	32 mm	Width
C _r	260.000 N	Basic dynamic load rating, radial
C _{0r}	265.000 N	Basic static load rating, radial
C _{ur}	35.000 N	Fatigue load limit, radial
n _G	5.600 1/min	Limiting speed
n _{gr}	3.650 1/min	Reference speed
m	2,774 kg	Masa



Mounting dimensions

$d_{a \min}$	107 mm	Minimum diameter shaft shoulder
$d_{a \max}$	111 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	116 mm	Minimum shaft shoulder
$D_{a \max}$	158 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius
$r_{a1 \max}$	2,1 mm	Maximum recess radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_1 \min$	2,1 mm	Minimum chamfer dimension
s	0,7 mm	Axial displacement
E	154,5 mm	Raceway diameter outer ring
F	112,5 mm	Raceway diameter inner ring
$D_1 \min$	148,6 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