



FAG

NUP2204-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	20 mm	Bore diameter
D	47 mm	Outside diameter
B	18 mm	Width
C _r	38.500 N	Basic dynamic load rating, radial
C _{0r}	31.000 N	Basic static load rating, radial
C _{ur}	5.200 N	Fatigue load limit, radial
n _G	22.000 1/min	Limiting speed
n _{gr}	11.100 1/min	Reference speed
≈m	0,149 kg	Masa



Mounting dimensions

d_1	29,7 mm	Maximum rib diameter inner ring
$D_1 \text{ min}$	38,8 mm	Minimum rib diameter outer ring
$d_a \text{ min}$	24 mm	Minimum diameter shaft shoulder
$d_c \text{ min}$	32 mm	Minimum shaft shoulder
$D_a \text{ max}$	41 mm	Maximum diameter of housing shoulder
$r_a \text{ max}$	1 mm	Maximum recess radius

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
$r_1 \text{ min}$	0,6 mm	Minimum chamfer dimension
E	41,5 mm	Raceway diameter outer ring
F	26,5 mm	Raceway diameter inner ring
B_3	3,5 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