



FAG

NUP2318-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	90 mm	Bore diameter
D	190 mm	Outside diameter
B	64 mm	Width
C _r	510.000 N	Basic dynamic load rating, radial
C _{0r}	530.000 N	Basic static load rating, radial
C _{ur}	94.000 N	Fatigue load limit, radial
n _G	4.900 1/min	Limiting speed
n _{gr}	3.000 1/min	Reference speed
≈m	8,2 kg	Masa



Mounting dimensions

d ₁	124 mm	Maximum rib diameter inner ring
D _{1 min}	161,6 mm	Minimum rib diameter outer ring
d _{a min}	104 mm	Minimum diameter shaft shoulder
d _{c min}	127 mm	Minimum shaft shoulder
D _{a max}	176 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum recess radius

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
r _{1 min}	3 mm	Minimum chamfer dimension
E	169,5 mm	Raceway diameter outer ring
F	113,5 mm	Raceway diameter inner ring
B ₃	10 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