



FAG

NJ208-E-XL-TVP2-C4

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-TVP2, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

Informacje techniczne



Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C _r	63.000 N	Basic dynamic load rating, radial
C _{0r}	53.000 N	Basic static load rating, radial
C _{ur}	8.500 N	Fatigue load limit, radial
n _G	12.500 1/min	Limiting speed
n _{gr}	7.500 1/min	Reference speed
≈m	0,378 kg	Masa



Mounting dimensions

d _{a min}	47 mm	Minimum diameter shaft shoulder
d _{a max}	49 mm	Maximum diameter of shaft shoulder
D _{a max}	73 mm	Maximum diameter of housing shoulder
d _{c min}	56 mm	Minimum shaft shoulder
r _{a max}	1 mm	Maximum recess radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
E	71,5 mm	Raceway diameter outer ring
F	49,5 mm	Raceway diameter inner ring
D _{1 min}	68,3 mm	Minimum rib diameter outer ring
d ₁	54 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Additional information

HJ208-E	L-washer
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia