



FAG

NJ221-E-XL-M1

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
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	105 mm	Bore diameter
D	190 mm	Outside diameter
B	36 mm	Width
C _r	310.000 N	Basic dynamic load rating, radial
C _{0r}	320.000 N	Basic static load rating, radial
C _{ur}	54.000 N	Fatigue load limit, radial
n _G	6.500 1/min	Limiting speed
n _{gr}	3.400 1/min	Reference speed
≈m	4,758 kg	Masa



Mounting dimensions

d _a min	117 mm	Minimum diameter shaft shoulder
d _a max	123 mm	Maximum diameter of shaft shoulder
D _a max	178 mm	Maximum diameter of housing shoulder
d _c min	137 mm	Minimum shaft shoulder
r _a max	2 mm	Maximum recess radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
r ₁ min	2,1 mm	Minimum chamfer dimension
s	1,3 mm	Axial displacement
E	171,5 mm	Raceway diameter outer ring
F	126,8 mm	Raceway diameter inner ring
D ₁ min	165,12 mm	Minimum rib diameter outer ring
d ₁	134,8 mm	Maximum rib diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Additional information

HJ221-E	L-washer
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Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia