



FAG

NJ421-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ..-M1, 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	Standard	
Cage	M1	Two Piece Brass Cage Roller Guided
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	105 mm	Bore diameter
D	260 mm	Outside diameter
B	60 mm	Width
C _r	610.000 N	Basic dynamic load rating, radial
C _{0r}	590.000 N	Basic static load rating, radial
C _{ur}	97.000 N	Fatigue load limit, radial
n _G	4.750 1/min	Limiting speed
n _{gr}	2.750 1/min	Reference speed
≈m	17,7 kg	Masa



Mounting dimensions

d a min	125 mm	Minimum diameter shaft shoulder
d a max	143 mm	Maximum diameter of shaft shoulder
D a max	240 mm	Maximum diameter of housing shoulder
d c min	162 mm	Minimum shaft shoulder
r a max	3 mm	Maximum recess radius

Dimensions

r min	4 mm	Minimum chamfer dimension
r 1 min	4 mm	Minimum chamfer dimension
s	5,7 mm	Axial displacement
E	220,5 mm	Raceway diameter outer ring
F	144,5 mm	Raceway diameter inner ring
D 1 min	207,4 mm	Minimum rib diameter outer ring
d 1	158,8 mm	Maximum rib diameter inner ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	150 °C	Operating temperature max.

Additional information

HJ421	L-washer
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia