



FAG

NJ1040-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ..-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	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	200 mm	Bore diameter
D	310 mm	Outside diameter
B	51 mm	Width
C _r	470.000 N	Basic dynamic load rating, radial
C _{0r}	600.000 N	Basic static load rating, radial
C _{ur}	88.000 N	Fatigue load limit, radial
n _G	4.100 1/min	Limiting speed
n _{gr}	2.310 1/min	Reference speed
m	14,1 kg	Masa



Mounting dimensions

d a min	210 mm	Minimum diameter shaft shoulder
d a max	226 mm	Maximum diameter of shaft shoulder
D a max	300 mm	Maximum diameter of housing shoulder
d c min	242 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	5,8 mm	Axial displacement
E	281 mm	Raceway diameter outer ring
F	229 mm	Raceway diameter inner ring
D 1 min	271,5 mm	Minimum rib diameter outer ring
d 1	239,1 mm	Maximum rib diameter inner ring

Temperature range

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

Właściwości

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