



FAG

NJ210-E-XL-M1-C3

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	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	50 mm	Bore diameter
D	90 mm	Outside diameter
B	20 mm	Width
C _r	75.000 N	Basic dynamic load rating, radial
C _{0r}	69.000 N	Basic static load rating, radial
C _{ur}	11.300 N	Fatigue load limit, radial
n _G	14.500 1/min	Limiting speed
n _{gr}	6.600 1/min	Reference speed

≈m 0,552 kg Masa



Mounting dimensions

d _a min	57 mm	Minimum diameter shaft shoulder
d _a max	58 mm	Maximum diameter of shaft shoulder
D _a max	83 mm	Maximum diameter of housing shoulder
d _c min	67 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	1,3 mm	Axial displacement
E	81,5 mm	Raceway diameter outer ring
F	59,5 mm	Raceway diameter inner ring
D _{1 min}	78,32 mm	Minimum rib diameter outer ring
d ₁	63,95 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ210-E L-washer

Właściwości

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