



FAG

NJ2324-E-XL-MPAX-ILR-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ...E...MPAX-ILR, 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	MPAX	One Piece Brass Cage Lip 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	120 mm	Bore diameter
D	260 mm	Outside diameter
B	86 mm	Width
C _r	1.150.000 N	Basic dynamic load rating, radial
C _{0r}	1.010.000 N	Basic static load rating, radial
C _{ur}	169.000 N	Fatigue load limit, radial
n _G	4.550 1/min	Limiting speed
n _{gr}	1.980 1/min	Reference speed
≈m	23,2 kg	Masa

Mounting dimensions

d _{a max}	151 mm	Maximum diameter of shaft shoulder
D _{a max}	246 mm	Maximum diameter of housing shoulder



Dimensions

r _{min}	3 mm	Minimum chamfer dimension
r _{1 min}	3 mm	Minimum chamfer dimension
s	7,2 mm	Axial displacement
E	230 mm	Raceway diameter outer ring
F	154 mm	Raceway diameter inner ring
D _{1 min}	218,7 mm	Minimum rib diameter outer ring
d ₁	168,05 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
-  Łożysko gabarytowe