



FAG

NJ216-E-XL-MPAX-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ...-E-XL-MPAX, 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	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	80 mm	Bore diameter
D	140 mm	Outside diameter
B	26 mm	Width
C _r	166.000 N	Basic dynamic load rating, radial
C _{0r}	168.000 N	Basic static load rating, radial
C _{ur}	29.500 N	Fatigue load limit, radial
n _G	9.000 1/min	Limiting speed
n _{gr}	4.200 1/min	Reference speed
≈m	1,73 kg	Masa



Mounting dimensions

d _{a min}	91 mm	Minimum diameter shaft shoulder
d _{a max}	95 mm	Maximum diameter of shaft shoulder
D _{a max}	129 mm	Maximum diameter of housing shoulder
d _{c min}	103 mm	Minimum shaft shoulder
r _{a max}	2 mm	Maximum recess radius

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	2 mm	Minimum chamfer dimension
s	1,2 mm	Axial displacement
E	125,3 mm	Raceway diameter outer ring
F	95,3 mm	Raceway diameter inner ring
D _{1 min}	120,45 mm	Minimum rib diameter outer ring
d ₁	101,5 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ216-E	L-washer
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia