



FAG

NJ236-E-XL-M1-C4

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	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	320 mm	Outside diameter
B	52 mm	Width
C _r	730.000 N	Basic dynamic load rating, radial
C _{0r}	830.000 N	Basic static load rating, radial
C _{ur}	124.000 N	Fatigue load limit, radial
n _G	3.750 1/min	Limiting speed
n _{gr}	1.850 1/min	Reference speed
≈m	18,64 kg	Masa



Mounting dimensions

d _a min	197 mm	Minimum diameter shaft shoulder
d _a max	214 mm	Maximum diameter of shaft shoulder
D _a max	303 mm	Maximum diameter of housing shoulder
d _c min	233 mm	Minimum shaft shoulder

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	4,7 mm	Axial displacement
E	289 mm	Raceway diameter outer ring
F	217 mm	Raceway diameter inner ring
D _{1 min}	278,6 mm	Minimum rib diameter outer ring
d ₁	230,2 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ236-E	L-washer
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe