



FAG

NJ2330-E-XL-M1-J30PC-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	150 mm	Bore diameter
D	320 mm	Outside diameter
B	108 mm	Width
C _r	1.380.000 N	Basic dynamic load rating, radial
C _{0r}	1.600.000 N	Basic static load rating, radial
C _{ur}	250.000 N	Fatigue load limit, radial
n _G	3.650 1/min	Limiting speed
n _{gr}	1.460 1/min	Reference speed
≈m	43,2 kg	Masa



Mounting dimensions

d _a min	167 mm	Minimum diameter shaft shoulder
d _a max	190 mm	Maximum diameter of shaft shoulder
D _a max	303 mm	Maximum diameter of housing shoulder
d _c min	213 mm	Minimum shaft shoulder

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r ₁ min	4 mm	Minimum chamfer dimension
s	9,7 mm	Axial displacement
E	283 mm	Raceway diameter outer ring
F	193 mm	Raceway diameter inner ring
D ₁ min	269,8 mm	Minimum rib diameter outer ring
d ₁	209,5 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ2330-E	L-washer
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Łożysko gabarytowe