



FAG

NJ2307-E-XL-M1A-C3

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-XL-M1A, 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	M1A	Two 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	35 mm	Bore diameter
D	80 mm	Outside diameter
B	31 mm	Width
C _r	108.000 N	Basic dynamic load rating, radial
C _{0r}	98.000 N	Basic static load rating, radial
C _{ur}	17.700 N	Fatigue load limit, radial
n _G	16.400 1/min	Limiting speed
n _{gr}	6.600 1/min	Reference speed
≈m	0,795 kg	Masa



Mounting dimensions

d _{a min}	42 mm	Minimum diameter shaft shoulder
d _{a max}	45 mm	Maximum diameter of shaft shoulder
D _{a max}	71 mm	Maximum diameter of housing shoulder
d _{c min}	53 mm	Minimum shaft shoulder
r _{a max}	1,5 mm	Maximum recess radius

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
s	2,1 mm	Axial displacement
E	70,2 mm	Raceway diameter outer ring
F	46,2 mm	Raceway diameter inner ring
D _{1 min}	66,64 mm	Minimum rib diameter outer ring
d ₁	51 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ2307-E	L-washer
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia