



FAG

NJ407-XL-M1A

Cylindrical roller bearing

Cylindrical roller bearing NJ...M1, 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	Standard	
Cage	M1	Two Piece Brass Cage Roller Guided
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	103.000 N	Basic dynamic load rating, radial
C _{0r}	83.000 N	Basic static load rating, radial
C _{ur}	14.500 N	Fatigue load limit, radial
n _G	13.600 1/min	Limiting speed
n _{gr}	7.000 1/min	Reference speed
≈m	1,16 kg	Masa



Mounting dimensions

d _{a min}	46 mm	Minimum diameter shaft shoulder
d _{a max}	52 mm	Maximum diameter of shaft shoulder
D _{a max}	89 mm	Maximum diameter of housing shoulder
d _{c min}	61 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}	1,5 mm	Minimum chamfer dimension
s	2,6 mm	Axial displacement
E	83 mm	Raceway diameter outer ring
F	53 mm	Raceway diameter inner ring
D _{1 min}	78,2 mm	Minimum rib diameter outer ring
d ₁	58,8 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ407	L-washer
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia