



FAG

NJ2207-E-XL-M1-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	35 mm	Bore diameter
D	72 mm	Outside diameter
B	23 mm	Width
C _r	73.000 N	Basic dynamic load rating, radial
C _{0r}	65.000 N	Basic static load rating, radial
C _{ur}	10.700 N	Fatigue load limit, radial
n _G	18.300 1/min	Limiting speed
n _{gr}	7.200 1/min	Reference speed

≈m 0,445 kg Masa



Mounting dimensions

d _a min	39 mm	Minimum diameter shaft shoulder
d _a max	43 mm	Maximum diameter of shaft shoulder
D _a max	65 mm	Maximum diameter of housing shoulder
d _c min	50 mm	Minimum shaft shoulder

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
s	2,2 mm	Axial displacement
E	64 mm	Raceway diameter outer ring
F	44 mm	Raceway diameter inner ring
D _{1 min}	61,04 mm	Minimum rib diameter outer ring
d ₁	47,95 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ2207-E L-washer

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia