FAG

NJ1064-M1

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
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	320 mm	Bore diameter
D	480 mm	Outside diameter
B	74 mm	Width
C_r	910.000 N	Basic dynamic load rating, radial
C_{0r}	1.490.000 N	Basic static load rating, radial
C_{ur}	160.000 N	Fatigue load limit, radial
n_G	2.200 1/min	Limiting speed
$n_{\vartheta r}$	1.300 1/min	Reference speed
≈m	47,62 kg	Masa

Mounting dimensions

$d_{a\ min}$	335 mm	Minimum diameter shaft shoulder
$d_{a\ max}$	356 mm	Maximum diameter of shaft shoulder
$D_{a\ max}$	465 mm	Maximum diameter of housing shoulder
$d_{c\ min}$	380 mm	Minimum shaft shoulder
$r_{a\ max}$	3 mm	Maximum recess radius

Dimensions

r_{min}	4 mm	Minimum chamfer dimension
$r_{1\ min}$	4 mm	Minimum chamfer dimension
s	8 mm	Axial displacement
E	440 mm	Raceway diameter outer ring
F	360 mm	Raceway diameter inner ring
$D_{1\ min}$	425,1 mm	Minimum rib diameter outer ring
d_1	375,4 mm	Maximum rib diameter inner ring

Temperature range

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

Właściwości

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