



FAG

NJ1060-M1-C3 [🔗](#)

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	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	300 mm	Bore diameter
D	460 mm	Outside diameter
B	74 mm	Width
C _r	900.000 N	Basic dynamic load rating, radial
C _{0r}	1.430.000 N	Basic static load rating, radial
C _{ur}	156.000 N	Fatigue load limit, radial
n _G	2.290 1/min	Limiting speed
n _{gr}	1.390 1/min	Reference speed
≈m	43,12 kg	Masa



Mounting dimensions

d _{a min}	315 mm	Minimum diameter shaft shoulder
d _{a max}	336 mm	Maximum diameter of shaft shoulder
D _{a max}	445 mm	Maximum diameter of housing shoulder
d _{c min}	359 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	7,9 mm	Axial displacement
E	420 mm	Raceway diameter outer ring
F	340 mm	Raceway diameter inner ring
D _{1 min}	404 mm	Minimum rib diameter outer ring
d ₁	356 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