



FAG

NU2340-EX-TB-M1

Cylindrical roller bearing

Cylindrical roller bearing NU2...-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

Informacje techniczne



Twoja aktualna wersja produktu

Design	EX	Increased Capacity Design Design Modified
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	200 mm	Bore diameter
D	420 mm	Outside diameter
B	138 mm	Width
C _r	2.040.000 N	Basic dynamic load rating, radial
C _{0r}	2.900.000 N	Basic static load rating, radial
C _{ur}	315.000 N	Fatigue load limit, radial
n _G	2.330 1/min	Limiting speed
n _{gr}	940 1/min	Reference speed
≈m	97,1 kg	Masa



Mounting dimensions

$d_{a\ min}$	220 mm	Minimum diameter shaft shoulder
$d_{a\ max}$	250,7 mm	Maximum diameter of shaft shoulder
$d_{b\ min}$	255,3 mm	Minimum shaft shoulder
$D_{a\ max}$	400 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	4 mm	Maximum recess radius
$r_{a1\ max}$	4 mm	Maximum recess radius

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
$r_{1\ min}$	5 mm	Minimum chamfer dimension
s	11,3 mm	Axial displacement
E	377 mm	Raceway diameter outer ring
F	253 mm	Raceway diameter inner ring
$D_{1\ min}$	352,2 mm	Minimum rib diameter outer ring

Temperature range

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

Właściwości

	Obciążenie promieniowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Łożysko gabarytowe