



FAG

NUP248-E-M1A-C3

Cylindrical roller bearing

Cylindrical roller bearing NUP..-E-M1A, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

Informacje techniczne

Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	M1A	Two Piece Brass Cage Lip 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	240 mm	Bore diameter
D	440 mm	Outside diameter
B	72 mm	Width
C _r	1.140.000 N	Basic dynamic load rating, radial
C _{0r}	1.610.000 N	Basic static load rating, radial
C _{ur}	171.000 N	Fatigue load limit, radial
n _G	2.320 1/min	Limiting speed
n _{gr}	1.220 1/min	Reference speed
≈m	54,2 kg	Masa



Mounting dimensions

d ₁	313 mm	Maximum rib diameter inner ring
D _{1 min}	376,6 mm	Minimum rib diameter outer ring
d _{a min}	257 mm	Minimum diameter shaft shoulder
d _{c min}	315 mm	Minimum shaft shoulder
D _{a max}	423 mm	Maximum diameter of housing 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
E	393 mm	Raceway diameter outer ring
F	293 mm	Raceway diameter inner ring
B ₃	11 mm	Width of loose rib

Temperature range

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