



FAG

NU244-E-MPAX-J30PC-C3 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-MPAX, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU

Informacje techniczne

Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	MPAX	One 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	220 mm	Bore diameter
D	400 mm	Outside diameter
B	65 mm	Width
C _r	950.000 N	Basic dynamic load rating, radial
C _{0r}	1.330.000 N	Basic static load rating, radial
C _{ur}	106.000 N	Fatigue load limit, radial
n _G	2.600 1/min	Limiting speed
n _{gr}	1.380 1/min	Reference speed
≈m	37,4 kg	Masa



Mounting dimensions

d _{a min}	237 mm	Minimum diameter shaft shoulder
d _{a max}	265 mm	Maximum diameter of shaft shoulder
d _{b min}	271 mm	Minimum shaft shoulder
D _{a max}	383 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
r _{a1 max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	5,5 mm	Axial displacement
E	358 mm	Raceway diameter outer ring
F	268 mm	Raceway diameter inner ring
D _{1 min}	344,85 mm	Minimum rib diameter outer ring

Temperature range

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