



FAG

NU409-XL-M1A-C3

Cylindrical roller bearing

Cylindrical roller bearing NU...-XL-M1A, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

X-life

Informacje techniczne

Twoja aktualna wersja produktu

Design	Standard	
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	45 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C _r	143.000 N	Basic dynamic load rating, radial
C _{0r}	119.000 N	Basic static load rating, radial
C _{ur}	16.000 N	Fatigue load limit, radial
n _G	11.000 1/min	Limiting speed
n _{gr}	5.900 1/min	Reference speed
m	1,85 kg	Masa



Mounting dimensions

d a min	58 mm	Minimum diameter shaft shoulder
d a max	63 mm	Maximum diameter of shaft shoulder
d b min	66 mm	Minimum shaft shoulder
D a max	107 mm	Maximum diameter of housing shoulder
r a max	2 mm	Maximum recess radius
r a1 max	2 mm	Maximum recess radius

Dimensions

r min	2 mm	Minimum chamfer dimension
r 1 min	2 mm	Minimum chamfer dimension
s	2,9 mm	Axial displacement
E	100,5 mm	Raceway diameter outer ring
F	64,5 mm	Raceway diameter inner ring
D 1 min	94,6 mm	Minimum rib diameter outer ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	150 °C	Operating temperature max.