



FAG

NU216-E-XL-M1A-C3 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-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	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	80 mm	Bore diameter
D	140 mm	Outside diameter
B	26 mm	Width
C _r	166.000 N	Basic dynamic load rating, radial
C _{0r}	168.000 N	Basic static load rating, radial
C _{ur}	23.100 N	Fatigue load limit, radial
n _G	9.000 1/min	Limiting speed
n _{gr}	4.200 1/min	Reference speed
≈m	1,74 kg	Masa



Mounting dimensions

d _a min	91 mm	Minimum diameter shaft shoulder
d _a max	94 mm	Maximum diameter of shaft shoulder
d _b min	97 mm	Minimum shaft shoulder
D _a max	129 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	1,3 mm	Axial displacement
E	125,3 mm	Raceway diameter outer ring
F	95,3 mm	Raceway diameter inner ring
D ₁ min	120,45 mm	Minimum rib diameter outer ring

Temperature range

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