



FAG

NU1036-XL-M1A-P5-C4

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	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	P5	Class 5 (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	280 mm	Outside diameter
B	46 mm	Width
C _r	425.000 N	Basic dynamic load rating, radial
C _{0r}	520.000 N	Basic static load rating, radial
C _{ur}	64.000 N	Fatigue load limit, radial
n _G	4.500 1/min	Limiting speed
n _{gr}	2.550 1/min	Reference speed
m	10,28 kg	Masa



Mounting dimensions

d a min	190 mm	Minimum diameter shaft shoulder
d a max	203 mm	Maximum diameter of shaft shoulder
d b min	209 mm	Minimum shaft shoulder
D a max	270 mm	Maximum diameter of housing shoulder
r a max	2,1 mm	Maximum recess radius
r a1 max	2,1 mm	Maximum recess radius

Dimensions

r min	2,1 mm	Minimum chamfer dimension
r 1 min	2,1 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
E	255 mm	Raceway diameter outer ring
F	205 mm	Raceway diameter inner ring
D 1 min	245,9 mm	Minimum rib diameter outer ring

Temperature range

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