



FAG

NU1021-XL-M1A-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	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	105 mm	Bore diameter
D	160 mm	Outside diameter
B	26 mm	Width
C _r	132.000 N	Basic dynamic load rating, radial
C _{0r}	154.000 N	Basic static load rating, radial
C _{ur}	20.000 N	Fatigue load limit, radial
n _G	8.400 1/min	Limiting speed
n _{gr}	4.050 1/min	Reference speed
m	1,83 kg	Masa



Mounting dimensions

$d_{a \min}$	111 mm	Minimum diameter shaft shoulder
$d_{a \max}$	118 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	122 mm	Minimum shaft shoulder
$D_{a \max}$	151 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius
$r_{a1 \max}$	1 mm	Maximum recess radius

Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
$r_{1 \min}$	1,1 mm	Minimum chamfer dimension
s	3,2 mm	Axial displacement
E	145,5 mm	Raceway diameter outer ring
F	119,5 mm	Raceway diameter inner ring
$D_{1 \min}$	141 mm	Minimum rib diameter outer ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.