



FAG

NJ1014-XL-M1A

Cylindrical roller bearing

Cylindrical roller bearing NJ..-XL-M1A, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

X-life

Informacje techniczne

Twoja aktualna wersja produktu

Design	Standard	
Cage	M1A	Two Piece Brass Cage Lip guided
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	70 mm	Bore diameter
D	110 mm	Outside diameter
B	20 mm	Width
C _r	77.000 N	Basic dynamic load rating, radial
C _{0r}	81.000 N	Basic static load rating, radial
C _{ur}	12.100 N	Fatigue load limit, radial
n _G	12.300 1/min	Limiting speed
n _{gr}	5.500 1/min	Reference speed
≈m	0,699 kg	Masa



Mounting dimensions

d _{a min}	75 mm	Minimum diameter shaft shoulder
d _{a max}	78 mm	Maximum diameter of shaft shoulder
D _{a max}	104 mm	Maximum diameter of housing shoulder
d _{c min}	85 mm	Minimum shaft shoulder
r _{a max}	1 mm	Maximum recess radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
s	2,5 mm	Axial displacement
E	100 mm	Raceway diameter outer ring
F	80 mm	Raceway diameter inner ring
D _{1 min}	96 mm	Minimum rib diameter outer ring
d ₁	84 mm	Maximum rib diameter inner ring

Temperature range

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