



FAG

NU2308-E-XL-M1A [🔗](#)

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	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	40 mm	Bore diameter
D	90 mm	Outside diameter
B	33 mm	Width
C _r	132.000 N	Basic dynamic load rating, radial
C _{0r}	119.000 N	Basic static load rating, radial
C _{ur}	22.000 N	Fatigue load limit, radial
n _G	14.200 1/min	Limiting speed
n _{gr}	5.800 1/min	Reference speed
m	1,071 kg	Masa



Mounting dimensions

d _{a min}	49 mm	Minimum diameter shaft shoulder
d _{a max}	51 mm	Maximum diameter of shaft shoulder
d _{b min}	55 mm	Minimum shaft shoulder
D _{a max}	81 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum recess radius
r _{a1 max}	1,5 mm	Maximum recess radius

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
r _{1 min}	1,5 mm	Minimum chamfer dimension
s	2,7 mm	Axial displacement
E	80 mm	Raceway diameter outer ring
F	52 mm	Raceway diameter inner ring
D _{1 min}	75,92 mm	Minimum rib diameter outer ring

Temperature range

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