



FAG

NUP2305-E-XL-M1A-C3

Cylindrical roller bearing

Cylindrical roller bearing NUP..-E-XL-M1A, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

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	25 mm	Bore diameter
D	62 mm	Outside diameter
B	24 mm	Width
C _r	67.000 N	Basic dynamic load rating, radial
C _{0r}	56.000 N	Basic static load rating, radial
C _{ur}	9.300 N	Fatigue load limit, radial
n _G	21.500 1/min	Limiting speed
n _{gr}	8.200 1/min	Reference speed
m	430,27 g	Masa



Mounting dimensions

d ₁	38,1 mm	Maximum rib diameter inner ring
D _{1 min}	50,65 mm	Minimum rib diameter outer ring
d _{a min}	32 mm	Minimum diameter shaft shoulder
d _{c min}	40 mm	Minimum shaft shoulder
D _{a max}	55 mm	Maximum diameter of housing 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
E	54 mm	Raceway diameter outer ring
F	34 mm	Raceway diameter inner ring
B ₃	4 mm	Width of loose rib

Temperature range

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