



FAG

NUP211-E-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing NUP...-E-XL-M1, 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	M1	Two Piece Brass Cage Roller 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	55 mm	Bore diameter
D	100 mm	Outside diameter
B	21 mm	Width
C _r	99.000 N	Basic dynamic load rating, radial
C _{0r}	95.000 N	Basic static load rating, radial
C _{ur}	16.400 N	Fatigue load limit, radial
n _G	13.000 1/min	Limiting speed
n _{gr}	5.800 1/min	Reference speed

≈m	0,76 kg	Masa
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Mounting dimensions

d_1	70,8 mm	Maximum rib diameter inner ring
$D_{1 \min}$	86,62 mm	Minimum rib diameter outer ring
$d_{a \min}$	62 mm	Minimum diameter shaft shoulder
$d_{c \min}$	73 mm	Minimum shaft shoulder
$D_{a \max}$	91 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum recess radius

Dimensions

$r_{\min}$	1,5 mm	Minimum chamfer dimension
$r_{1 \min}$	1,1 mm	Minimum chamfer dimension
E	90 mm	Raceway diameter outer ring
F	66 mm	Raceway diameter inner ring
B_3	3,5 mm	Width of loose rib

Temperature range

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

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia