



FAG

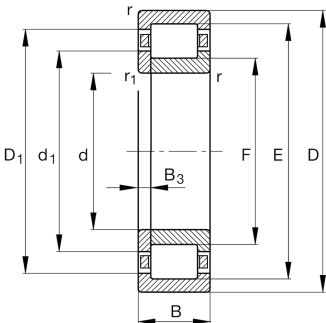
NUP309-E-XL-M1-C3

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	45 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C _r	116.000 N	Basic dynamic load rating, radial
C _{0r}	99.000 N	Basic static load rating, radial
C _{ur}	17.600 N	Fatigue load limit, radial
n _G	12.800 1/min	Limiting speed
n _{gr}	6.400 1/min	Reference speed

≈m	1,015 kg	Masa
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Mounting dimensions

d 1	64,4 mm	Maximum rib diameter inner ring
D 1 min	84,12 mm	Minimum rib diameter outer ring
d a min	54 mm	Minimum diameter shaft shoulder
d c min	66 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	1,5 mm	Minimum chamfer dimension
E	88,5 mm	Raceway diameter outer ring
F	58,5 mm	Raceway diameter inner ring

B 3	4,5 mm	Width of loose rib
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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