



FAG

NU218-E-XL-M1-F1-J20AA-C3

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-XL-M1, 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	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	90 mm	Bore diameter
D	160 mm	Outside diameter
B	30 mm	Width
C _r	215.000 N	Basic dynamic load rating, radial
C _{0r}	217.000 N	Basic static load rating, radial
C _{ur}	29.500 N	Fatigue load limit, radial
n _G	7.800 1/min	Limiting speed
n _{gr}	3.900 1/min	Reference speed

≈m 2,525 kg Masa



Mounting dimensions

d a min	101 mm	Minimum diameter shaft shoulder
d a max	105 mm	Maximum diameter of shaft shoulder
d b min	109 mm	Minimum shaft shoulder
D a max	149 mm	Maximum diameter of housing shoulder
r a max	2 mm	Maximum recess radius
r a1 max	2 mm	Maximum recess radius

Dimensions

r min	2 mm	Minimum chamfer dimension
r 1 min	2 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
E	145 mm	Raceway diameter outer ring
F	107 mm	Raceway diameter inner ring
D 1 min	139,72 mm	Minimum rib diameter outer ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	150 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia