



FAG

N320-E-XL-M1 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing N3..-E-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N3

Informacje techniczne



Twoja aktualna wersja produktu

Cage	M1	Two Piece Brass Cage Roller Guided
Tolerance class	PN	Normal (ISO 492:2023)
Change mark	E	Increased Capacity Design
Radial internal clearance	CN (Group N)	Normal internal clearance
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	47 mm	Width
C _r	450.000 N	Basic dynamic load rating, radial
C _{0r}	425.000 N	Basic static load rating, radial
C _{ur}	72.000 N	Fatigue load limit, radial
n _{G Grease}	4.700 1/min	Limiting speed for grease lubrication
n _{G Oil}	5.600 1/min	Limiting speed for oil lubrication
≈m	8,355 kg	Masa

Mounting dimensions

d _a	114 mm	Diameter shaft shoulder
D _a	201 mm	Diameter of housing shoulder
r _{a1 max}	2,5 mm	Maximum recess radius



Dimensions

r 1 min	3 mm	Minimum chamfer dimension
s 1	1,2 mm	Axial displacement
E	191,5 mm	Raceway 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