



FAG

N312-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	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C _r	177.000 N	Basic dynamic load rating, radial
C _{0r}	157.000 N	Basic static load rating, radial
C _{ur}	28.500 N	Fatigue load limit, radial
n _G Grease	8.400 1/min	Limiting speed for grease lubrication
≈m	2 kg	Masa

Mounting dimensions

D _a	118 mm	Diameter of housing shoulder
r _{a1 max}	2 mm	Maximum recess radius



Dimensions

r 1 min	2,1 mm	Minimum chamfer dimension
E	115 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