



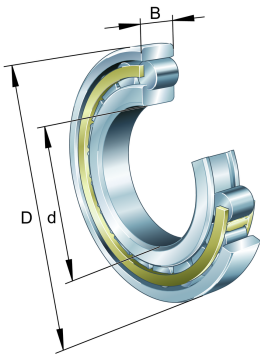
FAG

N309-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	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}	17.300 N	Fatigue load limit, radial
≈m	0,98 kg	Masa

Mounting dimensions

d _a	54 mm	Diameter shaft shoulder
	54	Diameter shaft shoulder tolerance
D _a	91 mm	Diameter of housing shoulder
	91	Diameter of housing shoulder tolerance

Dimensions

E	88,5 mm	Raceway diameter outer ring
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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