



FAG

N205-E-XL-M1 [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing N2...M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

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	25 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	34.500 N	Basic dynamic load rating, radial
C _{0r}	27.500 N	Basic static load rating, radial
C _{ur}	4.400 N	Fatigue load limit, radial
n _G Grease	22.400 1/min	Limiting speed for grease lubrication
≈m	0,149 kg	Masa

Mounting dimensions

d _a	29 mm	Diameter shaft shoulder
D _a	46 mm	Diameter of housing shoulder
r _{a1} max	0,6 mm	Maximum recess radius



Dimensions

$r_{1 \min}$	1 mm	Minimum chamfer dimension
E	46,5 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