



FAG

N216-E-XL-TVP2-C3

Cylindrical roller bearing

Cylindrical roller bearing N2...E-TVP, 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	TVP2	Solid Window Cage made from PA66
Tolerance class	PN	Normal (ISO 492:2023)
Change mark	E	Increased Capacity Design
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	26 mm	Width
C _r	166.000 N	Basic dynamic load rating, radial
C _{0r}	168.000 N	Basic static load rating, radial
C _{ur}	29.500 N	Fatigue load limit, radial
n _{G Grease}	5.900 1/min	Limiting speed for grease lubrication
n _{G Oil}	7.000 1/min	Limiting speed for oil lubrication
≈m	1,51 kg	Masa

Mounting dimensions

d _a	91 mm	Diameter shaft shoulder
D _a	129 mm	Diameter of housing shoulder
r _{a1 max}	2 mm	Maximum recess radius



Dimensions

$r_{1 \min}$	2 mm	Minimum chamfer dimension
s_1	1,2 mm	Axial displacement
E	127,3 mm	Raceway diameter outer ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia