



FAG

N314-E-XL-TVP2-C3

Cylindrical roller bearing

Cylindrical roller bearing N3...E-TVP2, 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	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	70 mm	Bore diameter
D	150 mm	Outside diameter
B	35 mm	Width
C _r	242.000 N	Basic dynamic load rating, radial
C _{0r}	222.000 N	Basic static load rating, radial
C _{ur}	40.500 N	Fatigue load limit, radial
n _{G Grease}	5.400 1/min	Limiting speed for grease lubrication
n _{G Oil}	6.300 1/min	Limiting speed for oil lubrication
≈m	2,72 kg	Masa

Mounting dimensions

d _a	82 mm	Diameter shaft shoulder
D _a	138 mm	Diameter of housing shoulder
r _{a1 max}	2,1 mm	Maximum recess radius



Dimensions

r 1 min	2,1 mm	Minimum chamfer dimension
s 1	1,6 mm	Axial displacement
E	133 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