



FAG

NUP224-E-XL-M1

Cylindrical roller bearing

Cylindrical roller bearing NUP...-E-XL-M1, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	215 mm	Outside diameter
B	40 mm	Width
C _r	390.000 N	Basic dynamic load rating, radial
C _{0r}	415.000 N	Basic static load rating, radial
C _{ur}	70.000 N	Fatigue load limit, radial
n _G	5.600 1/min	Limiting speed
n _{gr}	3.050 1/min	Reference speed

≈m 6,764 kg Masa



Mounting dimensions

d_1	153,2 mm	Maximum rib diameter inner ring
$D_1 \text{ min}$	187,75 mm	Minimum rib diameter outer ring
$d_a \text{ min}$	132 mm	Minimum diameter shaft shoulder
$d_c \text{ min}$	156 mm	Minimum shaft shoulder
$D_a \text{ max}$	203 mm	Maximum diameter of housing shoulder
$r_a \text{ max}$	2 mm	Maximum recess radius

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
$r_1 \text{ min}$	2,1 mm	Minimum chamfer dimension
E	195,5 mm	Raceway diameter outer ring
F	143,5 mm	Raceway diameter inner ring
B_3	6 mm	Width of loose rib

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia