



FAG

NJ224-E-XL-TVP2-C4

Cylindrical roller bearing

Cylindrical roller bearing NJ...E-XL-TVP2, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	TVP2	Solid Window Cage made from PA66
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
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	4.350 1/min	Limiting speed
n _{gr}	3.050 1/min	Reference speed
≈m	5,745 kg	Masa



Mounting dimensions

$d_{a \min}$	132 mm	Minimum diameter shaft shoulder
$d_{a \max}$	141 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	203 mm	Maximum diameter of housing shoulder
$d_{c \min}$	156 mm	Minimum shaft shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_{1 \min}$	2,1 mm	Minimum chamfer dimension
s	1,4 mm	Axial displacement
E	195,5 mm	Raceway diameter outer ring
F	143,5 mm	Raceway diameter inner ring
$D_{1 \min}$	187,8 mm	Minimum rib diameter outer ring
d_1	153,2 mm	Maximum rib diameter inner ring

Temperature range

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

Additional information

HJ224-E

L-washer

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia