



FAG

NUP2230-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	150 mm	Bore diameter
D	270 mm	Outside diameter
B	73 mm	Width
C _r	780.000 N	Basic dynamic load rating, radial
C _{0r}	970.000 N	Basic static load rating, radial
C _{ur}	155.000 N	Fatigue load limit, radial
n _G	4.550 1/min	Limiting speed
n _{gr}	1.850 1/min	Reference speed

≈m 19 kg Masa



Mounting dimensions

d_1	193,1 mm	Maximum rib diameter inner ring
$D_1 \text{ min}$	233,2 mm	Minimum rib diameter outer ring
$d_a \text{ min}$	164 mm	Minimum diameter shaft shoulder
$d_c \text{ min}$	196 mm	Minimum shaft shoulder
$D_a \text{ max}$	256 mm	Maximum diameter of housing shoulder
$r_a \text{ max}$	2,5 mm	Maximum recess radius

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
$r_1 \text{ min}$	3 mm	Minimum chamfer dimension
E	242 mm	Raceway diameter outer ring
F	182 mm	Raceway diameter inner ring
B_3	12,5 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