



FAG

NU2030-E-XL-M1-C3

Cylindrical roller bearing

Cylindrical roller bearing NU20..-E-XL-M1, with cage, single row, non-locating bearing, 2 ribs on outer ring, 0 ribs on inner ring (smooth), type NU, Running accuracy in P6

Informacje techniczne

Twoja aktualna wersja produktu

Design	Standard	
Cage	M1	Two Piece Brass Cage Roller Guided
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	225 mm	Outside diameter
B	45 mm	Width
C _r	410.000 N	Basic dynamic load rating, radial
C _{0r}	550.000 N	Basic static load rating, radial
C _{ur}	89.000 N	Fatigue load limit, radial
n _G	5.600 1/min	Limiting speed
n _{gr}	980 1/min	Reference speed
≈m	6,323 kg	Masa



Mounting dimensions

$d_{a \min}$	158 mm	Minimum diameter shaft shoulder
$d_{a \max}$	166 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	180 mm	Minimum shaft shoulder
$D_{a \max}$	215 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius
$r_{a1 \max}$	2 mm	Maximum recess radius

Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_{1 \min}$	2,1 mm	Minimum chamfer dimension
s	4,5 mm	Axial displacement
E	208,5 mm	Raceway diameter outer ring
F	168,5 mm	Raceway diameter inner ring
$D_{1 \min}$	201,6 mm	Minimum rib diameter outer ring

Temperature range

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