



FAG

NU230-E-XL-MPAX

Cylindrical roller bearing

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

X-life

Informacje techniczne

Twoja aktualna wersja produktu

Design	E	Increased Capacity Design
Cage	MPAX	One Piece Brass Cage Lip 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	45 mm	Width
C _r	520.000 N	Basic dynamic load rating, radial
C _{0r}	590.000 N	Basic static load rating, radial
C _{ur}	70.000 N	Fatigue load limit, radial
n _G	4.550 1/min	Limiting speed
n _{gr}	2.350 1/min	Reference speed
m	11,44 kg	Masa



Mounting dimensions

d _{a min}	164 mm	Minimum diameter shaft shoulder
d _{a max}	179 mm	Maximum diameter of shaft shoulder
d _{b min}	184 mm	Minimum shaft shoulder
D _{a max}	256 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum recess radius
r _{a1 max}	2,5 mm	Maximum recess radius

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
r _{1 min}	3 mm	Minimum chamfer dimension
s	4 mm	Axial displacement
E	242 mm	Raceway diameter outer ring
F	182 mm	Raceway diameter inner ring
D _{1 min}	231,95 mm	Minimum rib diameter outer ring

Temperature range

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