



FAG

NU236-E-XL-MPAX-J30PC-C3

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	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	180 mm	Bore diameter
D	320 mm	Outside diameter
B	52 mm	Width
C _r	730.000 N	Basic dynamic load rating, radial
C _{0r}	830.000 N	Basic static load rating, radial
C _{ur}	98.000 N	Fatigue load limit, radial
n _G	3.750 1/min	Limiting speed
n _{gr}	1.850 1/min	Reference speed
m	18,4 kg	Masa



Mounting dimensions

d _{a min}	197 mm	Minimum diameter shaft shoulder
d _{a max}	214 mm	Maximum diameter of shaft shoulder
d _{b min}	221 mm	Minimum shaft shoulder
D _{a max}	303 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
r _{a1 max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	4 mm	Minimum chamfer dimension
s	4,7 mm	Axial displacement
E	289 mm	Raceway diameter outer ring
F	217 mm	Raceway diameter inner ring
D _{1 min}	278,6 mm	Minimum rib diameter outer ring

Temperature range

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