



FAG

NU264-EX-M1A-C3

Cylindrical roller bearing

Cylindrical roller bearing NU..-EX-M1A, 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	EX	Increased Capacity Design Design Modified
Cage	M1A	Two 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	320 mm	Bore diameter
D	580 mm	Outside diameter
B	92 mm	Width
C _r	1.810.000 N	Basic dynamic load rating, radial
C _{0r}	2.700.000 N	Basic static load rating, radial
C _{ur}	190.000 N	Fatigue load limit, radial
n _G	1.730 1/min	Limiting speed
n _{gr}	830 1/min	Reference speed
≈m	112,9 kg	Masa



Mounting dimensions

$d_{a \min}$	340 mm	Minimum diameter shaft shoulder
$d_{a \max}$	388,5 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	395,5 mm	Minimum shaft shoulder
$D_{a \max}$	560 mm	Maximum diameter of housing shoulder
$r_{a \max}$	4 mm	Maximum recess radius
$r_{a1 \max}$	4 mm	Maximum recess radius

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
$r_{1 \min}$	5 mm	Minimum chamfer dimension
s	7,5 mm	Axial displacement
E	520 mm	Raceway diameter outer ring
F	392 mm	Raceway diameter inner ring
$D_{1 \min}$	499,4 mm	Minimum rib diameter outer ring

Temperature range

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