

**FAG****NU2072-E-M1A-C3** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing NU..-E-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

Technical information

Your current product variant

Design	E	Increased Capacity Design
Cage	M1A	Two Piece Brass Cage Lip guided
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	360 mm	Bore diameter
D	540 mm	Outside diameter
B	106 mm	Width
C _r	2.000.000 N	Basic dynamic load rating, radial
C _{0r}	3.750.000 N	Basic static load rating, radial
C _{ur}	400.000 N	Fatigue load limit, radial
n _G	1.890 1/min	Limiting speed
n _{gr}	740 1/min	Reference speed
≈m	88,41 kg	Weight



Mounting dimensions

$d_{a \min}$	377 mm	Minimum diameter shaft shoulder
$d_{a \max}$	401 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	409 mm	Minimum shaft shoulder
$D_{a \max}$	523 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	8 mm	Axial displacement
E	501 mm	Raceway diameter outer ring
F	405 mm	Raceway diameter inner ring
$D_{1 \min}$	483,8 mm	Minimum rib diameter outer ring

Temperature range

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

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed