



FAG

NU332-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 (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	340 mm	Outside diameter
B	68 mm	Width
C _r	860.000 N	Basic dynamic load rating, radial
C _{0r}	1.060.000 N	Basic static load rating, radial
C _{ur}	94.000 N	Fatigue load limit, radial
n _G	3.000 1/min	Limiting speed
n _{gr}	1.770 1/min	Reference speed
≈m	32,21 kg	Weight



Mounting dimensions

d _{a min}	177 mm	Minimum diameter shaft shoulder
d _{a max}	200 mm	Maximum diameter of shaft shoulder
d _{b min}	211 mm	Minimum shaft shoulder
D _{a max}	323 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	5,6 mm	Axial displacement
E	300 mm	Raceway diameter outer ring
F	204 mm	Raceway diameter inner ring
D _{1 min}	286 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