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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
$n_{\vartheta r}$	1.770 1/min	Reference speed
≈m	32,21 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

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

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