

**FAG****NU2268-E-M1A** [↗](#)

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 | CN (Group N) | Normal internal clearance |
| Tolerance class | PN | Normal (ISO 492:2023) |
| Number of rows | 1 | Single-row design |

Main Dimensions & Performance Data

| | | |
|-----------------|-------------|-----------------------------------|
| d | 340 mm | Bore diameter |
| D | 620 mm | Outside diameter |
| B | 165 mm | Width |
| C _r | 3.500.000 N | Basic dynamic load rating, radial |
| C _{0r} | 5.700.000 N | Basic static load rating, radial |
| C _{ur} | 550.000 N | Fatigue load limit, radial |
| n _G | 1.580 1/min | Limiting speed |
| n _{gr} | 520 1/min | Reference speed |
| ≈m | 227,35 kg | Weight |



Mounting dimensions

| | | |
|---------------|--------|--------------------------------------|
| $d_{a \min}$ | 366 mm | Minimum diameter shaft shoulder |
| $d_{a \max}$ | 404 mm | Maximum diameter of shaft shoulder |
| $d_{b \min}$ | 412 mm | Minimum shaft shoulder |
| $D_{a \max}$ | 594 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 5 mm | Maximum recess radius |
| $r_{a1 \max}$ | 5 mm | Maximum recess radius |

Dimensions

| | | |
|--------------|---------|---------------------------------|
| r_{\min} | 6 mm | Minimum chamfer dimension |
| $r_{1 \min}$ | 6 mm | Minimum chamfer dimension |
| s | 13,3 mm | Axial displacement |
| E | 558 mm | Raceway diameter outer ring |
| F | 408 mm | Raceway diameter inner ring |
| $D_{1 \min}$ | 534 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 |