

**FAG****NJ2334-EX-TB-XL-MPAX-ILR-J30PC-C3**

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E..-MPAX-ILR, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

Technical information

**Your current product variant**

| | | |
|---------------------------|--------------|-----------------------------------|
| Design | E | Increased Capacity Design |
| Cage | MPAX | One 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 | 170 mm | Bore diameter |
| D | 360 mm | Outside diameter |
| B | 120 mm | Width |
| C_r | 2.190.000 N | Basic dynamic load rating, radial |
| C_{0r} | 2.070.000 N | Basic static load rating, radial |
| C_{ur} | 285.000 N | Fatigue load limit, radial |
| n_G | 3.200 1/min | Limiting speed |
| n_{gr} | 1.210 1/min | Reference speed |
| $\approx m$ | 61,6 kg | Weight |

Mounting dimensions

| | | |
|--------------|--------|--------------------------------------|
| $D_{a \max}$ | 343 mm | Maximum diameter of housing shoulder |
|--------------|--------|--------------------------------------|






Dimensions

| | | |
|-------------|----------|---------------------------------|
| r_{\min} | 4 mm | Minimum chamfer dimension |
| $r_{1\min}$ | 4 mm | Minimum chamfer dimension |
| s | 10,2 mm | Axial displacement |
| E | 320 mm | Raceway diameter outer ring |
| F | 216 mm | Raceway diameter inner ring |
| $D_{1\min}$ | 299,2 mm | Minimum rib diameter outer ring |
| d_1 | 236,8 mm | Maximum rib diameter inner ring |

Temperature range

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

Characteristics

| | |
|---|-----------------------------|
|  | Radial load |
|  | Axial load in one direction |
|  | Grease Lubrication |
|  | Oil Lubrication |
|  | Not sealed |
|  | Large bearing |