

**FAG****NJ2336-EX-TB-XL-MPAX-ILR-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 (PN)
Number of rows	1	Single-row design

**Main Dimensions & Performance Data**

d	180 mm	Bore diameter
D	380 mm	Outside diameter
B	126 mm	Width
$C_r$	2.460.000 N	Basic dynamic load rating, radial
$C_{0r}$	2.330.000 N	Basic static load rating, radial
$C_{ur}$	320.000 N	Fatigue load limit, radial
$n_G$	3.000 1/min	Limiting speed
$n_{gr}$	1.120 1/min	Reference speed
$m$	72,1 kg	Weight

**Mounting dimensions**

$D_{a \max}$	363 mm	Maximum diameter of housing shoulder
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


## Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
$r_{1 \min}$	4 mm	Minimum chamfer dimension
s	10,5 mm	Axial displacement
E	339 mm	Raceway diameter outer ring
F	227 mm	Raceway diameter inner ring
$D_{1 \min}$	316,6 mm	Minimum rib diameter outer ring
$d_1$	249,4 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