

**FAG****NJ2336-EX-TB-XL-MPAX-QP51-ILR-C4** [↗](#)

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	C4 (Group 4)	Internal clearance larger than C3
Tolerance class	PN	Normal (ISO 492:2023)
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