

**FAG****NJ2340-EX-TB-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	200 mm	Bore diameter
D	420 mm	Outside diameter
B	138 mm	Width
C <sub>r</sub>	2.550.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	2.900.000 N	Basic static load rating, radial
C <sub>ur</sub>	315.000 N	Fatigue load limit, radial
n <sub>G</sub>	2.330 1/min	Limiting speed
n <sub>gr</sub>	940 1/min	Reference speed
≈m	96,6 kg	Weight

**Mounting dimensions**

d <sub>a min</sub>	220 mm	Minimum diameter shaft shoulder
d <sub>a max</sub>	250,7 mm	Maximum diameter of shaft shoulder
D <sub>a max</sub>	400 mm	Maximum diameter of housing shoulder









## Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
$r_{1 \min}$	5 mm	Minimum chamfer dimension
s	11,3 mm	Axial displacement
E	377 mm	Raceway diameter outer ring
F	253 mm	Raceway diameter inner ring
$D_{1 \min}$	352,2 mm	Minimum rib diameter outer ring
$d_1$	200 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