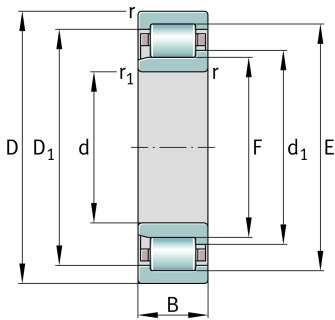


**FAG****NJ2320-E-XL-MPAX-ILR-J30PC-C3** [🔗](#)

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	100 mm	Bore diameter
D	215 mm	Outside diameter
B	73 mm	Width
$C_r$	840.000 N	Basic dynamic load rating, radial
$C_{0r}$	720.000 N	Basic static load rating, radial
$C_{ur}$	125.000 N	Fatigue load limit, radial
$n_G$	5.600 1/min	Limiting speed
$n_{gr}$	2.500 1/min	Reference speed
$\approx m$	13,4 kg	Weight

**Mounting dimensions**

$d_{a \min}$	114 mm	Minimum diameter shaft shoulder
$d_{a \max}$	125 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	201 mm	Maximum diameter of housing shoulder









### Dimensions

$r_{min}$	3 mm	Minimum chamfer dimension
$r_{1 min}$	3 mm	Minimum chamfer dimension
s	4,2 mm	Axial displacement
E	191,5 mm	Raceway diameter outer ring
F	127,5 mm	Raceway diameter inner ring
$D_{1 min}$	181,95 mm	Minimum rib diameter outer ring
$d_1$	139,4 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