



FAG

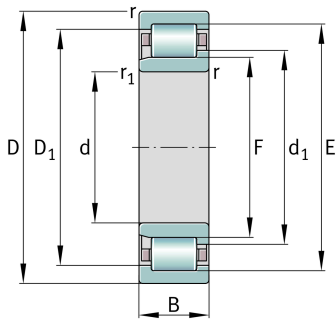
**NJ2320-E-XL-MPAX-C4**

Cylindrical roller bearing

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

X-life

## 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 &amp; Performance Data

d	100 mm	Bore diameter
D	215 mm	Outside diameter
B	73 mm	Width
$C_r$	680.000 N	Basic dynamic load rating, radial
$C_{0r}$	720.000 N	Basic static load rating, radial
$C_{ur}$	123.000 N	Fatigue load limit, radial
$n_G$	4.850 1/min	Limiting speed
$n_{gr}$	2.550 1/min	Reference speed
$\approx m$	13,28 kg	Weight

## Mounting dimensions

$d_{a \max}$	125 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	201 mm	Maximum diameter of housing shoulder
$r_{a \max}$	3 mm	Maximum recess radius








## 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