



FAG

**NJ2315-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	75 mm	Bore diameter
D	160 mm	Outside diameter
B	55 mm	Width
C <sub>r</sub>	390.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	395.000 N	Basic static load rating, radial
C <sub>ur</sub>	71.000 N	Fatigue load limit, radial
n <sub>G</sub>	6.600 1/min	Limiting speed
n <sub>gr</sub>	3.550 1/min	Reference speed
m	5,5 kg	Weight

## Mounting dimensions

r <sub>a max</sub>	2,1 mm	Maximum recess radius
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## Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$r_{1\min}$	2,1 mm	Minimum chamfer dimension
s	4,2 mm	Axial displacement
E	143 mm	Raceway diameter outer ring
F	95 mm	Raceway diameter inner ring
$D_{1\min}$	136,24 mm	Minimum rib diameter outer ring
$d_1$	104,1 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