

**FAG****NJ2328-E-XL-MPAX-ILR-C5** [↗](#)

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	C5 (Group 5)	Internal clearance larger than C4
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

**Main Dimensions & Performance Data**

d	140 mm	Bore diameter
D	300 mm	Outside diameter
B	102 mm	Width
$C_r$	1.500.000 N	Basic dynamic load rating, radial
$C_{0r}$	1.390.000 N	Basic static load rating, radial
$C_{ur}$	221.000 N	Fatigue load limit, radial
$n_G$	3.950 1/min	Limiting speed
$n_{gr}$	1.620 1/min	Reference speed
$\approx m$	36,06 kg	Weight

**Mounting dimensions**

$D_{a \max}$	283 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	9,2 mm	Axial displacement
E	264 mm	Raceway diameter outer ring
F	180 mm	Raceway diameter inner ring
$D_{1\min}$	251,7 mm	Minimum rib diameter outer 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