

**FAG****NJ2356-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 (ISO 492:2023)
Number of rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	280 mm	Bore diameter
D	580 mm	Outside diameter
B	175 mm	Width
$C_r$	4.350.000 N	Basic dynamic load rating, radial
$C_{0r}$	5.200.000 N	Basic static load rating, radial
$C_{ur}$	510.000 N	Fatigue load limit, radial
$n_G$	1.640 1/min	Limiting speed
$n_{gr}$	590 1/min	Reference speed
$\approx m$	231,1 kg	Weight

## Mounting dimensions

$d_{a \max}$	349 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	554 mm	Maximum diameter of housing shoulder









## Dimensions

$r_{\min}$	6 mm	Minimum chamfer dimension
$r_{1\min}$	6 mm	Minimum chamfer dimension
s	13 mm	Axial displacement
E	521 mm	Raceway diameter outer ring
F	351 mm	Raceway diameter inner ring
$D_{1\min}$	487 mm	Minimum rib diameter outer ring
$d_1$	385 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