

**FAG****NJ2352-EX-TB-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 (PN)
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	540 mm	Outside diameter
B	165 mm	Width
C_r	3.900.000 N	Basic dynamic load rating, radial
C_{0r}	4.500.000 N	Basic static load rating, radial
C_{ur}	455.000 N	Fatigue load limit, radial
n_G	1.780 1/min	Limiting speed
n_{gr}	660 1/min	Reference speed
$\approx m$	189,1 kg	Weight

Mounting dimensions

$d_{a \max}$	322 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	514 mm	Maximum diameter of housing shoulder






Dimensions

r_{\min}	6 mm	Minimum chamfer dimension
$r_{1 \min}$	6 mm	Minimum chamfer dimension
s	13,7 mm	Axial displacement
E	484 mm	Raceway diameter outer ring
F	324 mm	Raceway diameter inner ring
$D_{1 \min}$	452 mm	Minimum rib diameter outer ring
d_1	356 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