

**FAG****NJ2338-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 & Performance Data

d	190 mm	Bore diameter
D	400 mm	Outside diameter
B	132 mm	Width
C_r	2.350.000 N	Basic dynamic load rating, radial
C_{0r}	2.650.000 N	Basic static load rating, radial
C_{ur}	290.000 N	Fatigue load limit, radial
n_G	2.440 1/min	Limiting speed
n_{gr}	1.010 1/min	Reference speed
$\approx m$	83,6 kg	Weight

Mounting dimensions

$d_{a \min}$	210 mm	Minimum diameter shaft shoulder
$d_{a \max}$	237,8 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	380 mm	Maximum diameter of housing shoulder






Dimensions

r_{\min}	5 mm	Minimum chamfer dimension
$r_{1\min}$	5 mm	Minimum chamfer dimension
s	11 mm	Axial displacement
E	360 mm	Raceway diameter outer ring
F	240 mm	Raceway diameter inner ring
$D_{1\min}$	336 mm	Minimum rib diameter outer ring
d_1	264 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