

**FAG****NJ2338-EX-TB-MPAX-ILR**

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	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (PN)
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
≈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