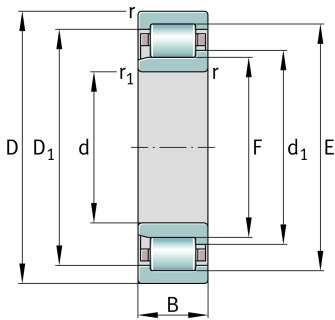


**FAG****NJ2338-EX-TB-MPAX-ILR-C3**

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 (PN)
Number of rolling element 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

-  F_r Radial load
-  F_a Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Large bearing