

**FAG****NJ248-E-TB-M1-C3**

Cylindrical roller bearing

Cylindrical roller bearing NJ..-E-M1, 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	TB	Bearings with increased axial load capacity
Cage	M1	Two Piece Brass Cage Roller 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	240 mm	Bore diameter
D	440 mm	Outside diameter
B	72 mm	Width
$C_r$	1.140.000 N	Basic dynamic load rating, radial
$C_{0r}$	1.610.000 N	Basic static load rating, radial
$C_{ur}$	171.000 N	Fatigue load limit, radial
$n_G$	2.320 1/min	Limiting speed
$n_{gr}$	1.220 1/min	Reference speed
$\approx m$	51,5 kg	Weight



### Mounting dimensions

$d_{a \min}$	257 mm	Minimum diameter shaft shoulder
$d_{a \max}$	290 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	423 mm	Maximum diameter of housing shoulder
$d_{c \min}$	315 mm	Minimum shaft shoulder
$r_{a \max}$	3 mm	Maximum recess radius

### Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
$r_{1 \min}$	4 mm	Minimum chamfer dimension
s	6 mm	Axial displacement
E	393 mm	Raceway diameter outer ring
F	293 mm	Raceway diameter inner ring
$D_{1 \min}$	373 mm	Minimum rib diameter outer ring
$d_1$	313 mm	Maximum rib diameter inner ring

### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.

### Additional information

HJ248-E

L-washer



### Characteristics

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