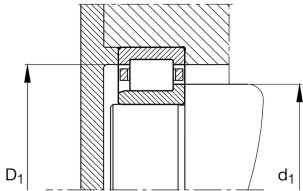


**FAG****NJ244-E-M1-C3**

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	E	Increased Capacity Design
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 & Performance Data**

d	220 mm	Bore diameter
D	400 mm	Outside diameter
B	65 mm	Width
$C_r$	950.000 N	Basic dynamic load rating, radial
$C_{0r}$	1.330.000 N	Basic static load rating, radial
$C_{ur}$	152.000 N	Fatigue load limit, radial
$n_G$	2.600 1/min	Limiting speed
$n_{gr}$	1.380 1/min	Reference speed
$\approx m$	37,34 kg	Weight



### Mounting dimensions

$d_{a \text{ min}}$	237 mm	Minimum diameter shaft shoulder
$d_{a \text{ max}}$	265 mm	Maximum diameter of shaft shoulder
$D_{a \text{ max}}$	383 mm	Maximum diameter of housing shoulder
$d_{c \text{ min}}$	288 mm	Minimum shaft shoulder
$r_{a \text{ max}}$	3 mm	Maximum recess radius

### Dimensions

$r_{\text{min}}$	4 mm	Minimum chamfer dimension
$r_{1 \text{ min}}$	4 mm	Minimum chamfer dimension
$s$	5,5 mm	Axial displacement
$E$	358 mm	Raceway diameter outer ring
$F$	268 mm	Raceway diameter inner ring
$D_{1 \text{ min}}$	344,9 mm	Minimum rib diameter outer ring
$d_1$	285,2 mm	Maximum rib diameter inner ring

### Temperature range

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

### Additional information

HJ244-E

L-washer



### Characteristics

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