

**FAG****NJ348-E-TB-M1** [↗](#)

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	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

**Main Dimensions & Performance Data**

d	240 mm	Bore diameter
D	500 mm	Outside diameter
B	95 mm	Width
$C_r$	1.720.000 N	Basic dynamic load rating, radial
$C_{0r}$	2.280.000 N	Basic static load rating, radial
$C_{ur}$	238.000 N	Fatigue load limit, radial
$n_G$	1.980 1/min	Limiting speed
$n_{gr}$	1.000 1/min	Reference speed
$\approx m$	95,77 kg	Weight



### Mounting dimensions

$d_{a \min}$	260 mm	Minimum diameter shaft shoulder
$d_{a \max}$	303 mm	Maximum diameter of shaft shoulder
$D_{a \max}$	480 mm	Maximum diameter of housing shoulder
$d_{c \min}$	335 mm	Minimum shaft shoulder
$r_{a \max}$	4 mm	Maximum recess radius

### Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
$r_{1 \min}$	5 mm	Minimum chamfer dimension
s	7,4 mm	Axial displacement
E	442 mm	Raceway diameter outer ring
F	306 mm	Raceway diameter inner ring
$D_{1 \min}$	414,8 mm	Minimum rib diameter outer ring
$d_1$	333,2 mm	Maximum rib diameter inner ring

### Temperature range

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

### Additional information

HJ348-E

L-washer



### Characteristics

---

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