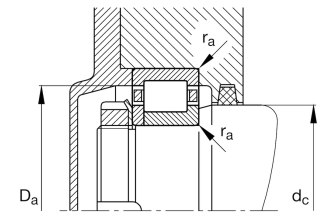
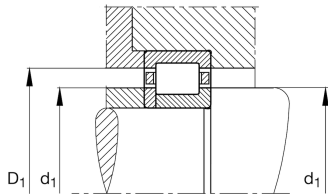
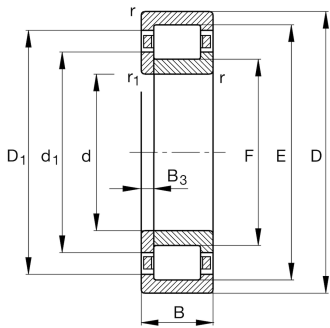


**FAG****NUP244-E-M1**

Cylindrical roller bearing

Cylindrical roller bearing NUP.-E-M1, with cage, single row, locating bearing, 2 ribs on outer ring, 1 rib on inner ring, rib washer internal, type NUP

## Technical information

**Your current product variant**

Design	E	Increased Capacity Design
Cage	M1	Two Piece Brass Cage Roller 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	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
$\approx m$	38,38 kg	Weight



### Mounting dimensions

$d_1$	285,2 mm	Maximum rib diameter inner ring
$D_{1 \text{ min}}$	344,9 mm	Minimum rib diameter outer ring
$d_{a \text{ min}}$	237 mm	Minimum diameter shaft shoulder
$d_{c \text{ min}}$	288 mm	Minimum shaft shoulder
$D_{a \text{ max}}$	383 mm	Maximum diameter of housing 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
E	358 mm	Raceway diameter outer ring
F	268 mm	Raceway diameter inner ring
$B_3$	10 mm	Width of loose rib

### Temperature range

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

### Characteristics

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