

**FAG****N307-E-XL-M1-C3** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing N3..-E-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N3

## Technical information

**Your current product variant**

Cage	M1	Two Piece Brass Cage Roller Guided
Change mark	E	Increased Capacity Design
Number of rows	1	Single-row design

**Main Dimensions & Performance Data**

d	35 mm	Bore diameter
D	80 mm	Outside diameter
B	21 mm	Width
C <sub>r</sub>	76.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	63.000 N	Basic static load rating, radial
C <sub>ur</sub>	10.600 N	Fatigue load limit, radial
≈m	0,536 kg	Weight

**Mounting dimensions**

D <sub>a</sub>	71 mm	Diameter of housing shoulder
r <sub>a1 max</sub>	1 mm	Maximum recess radius

**Dimensions**

r <sub>1 min</sub>	1,1 mm	Minimum chamfer dimension
E	70,2 mm	Raceway diameter outer ring



### Temperature range

---

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

### Characteristics

---



Radial load



Grease Lubrication



Oil Lubrication



Not sealed