

**FAG****N307-E-XL-M1** [↗](#)

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 _r	76.000 N	Basic dynamic load rating, radial
C _{0r}	63.000 N	Basic static load rating, radial
C _{ur}	10.600 N	Fatigue load limit, radial
≈m	0,536 kg	Weight

Mounting dimensions

D _a	71 mm	Diameter of housing shoulder
r _{a1 max}	1 mm	Maximum recess radius

Dimensions

r _{1 min}	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