

**FAG****N208-E-XL-M1** [↗](#)

Cylindrical roller bearing

Cylindrical roller bearing N2..-M1, with cage, single row, non-locating bearing, 0 ribs on outer ring, 2 rib on inner ring, type N2

Technical information

**Your current product variant**

Cage	M1	Two Piece Brass Cage Roller Guided
Tolerance class	PN	Normal (ISO 492:2023)
Change mark	E	Increased Capacity Design
Radial internal clearance	CN (Group N)	Normal internal clearance
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C_r	63.000 N	Basic dynamic load rating, radial
C_{0r}	53.000 N	Basic static load rating, radial
C_{ur}	8.400 N	Fatigue load limit, radial
n_G Grease	14.200 1/min	Limiting speed for grease lubrication
m	0,421 kg	Weight

Mounting dimensions

d_a	47 mm	Diameter shaft shoulder
D_a	73 mm	Diameter of housing shoulder

Dimensions

E	71,5 mm	Raceway diameter outer ring
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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