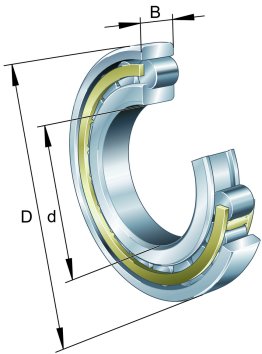


**FAG****N308-E-XL-M1** [↗](#)

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
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	90 mm	Outside diameter
B	23 mm	Width
C_r	96.000 N	Basic dynamic load rating, radial
C_{0r}	79.000 N	Basic static load rating, radial
C_{ur}	13.600 N	Fatigue load limit, radial
$\approx m$	0,723 kg	Weight

Mounting dimensions

d_a	49 mm	Diameter shaft shoulder
D_a	81 mm	Diameter of housing shoulder
$r_{a1 \max}$	1,5 mm	Maximum recess radius

Dimensions

$r_{1 \min}$	1,5 mm	Minimum chamfer dimension
E	80 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