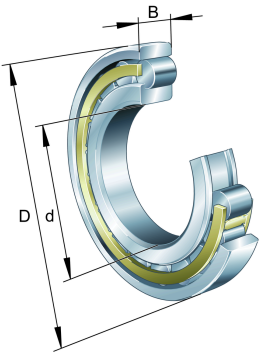


**FAG****N220-E-XL-M1-C5** [↗](#)

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 (PN)
Change mark	E	Increased Capacity Design
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	34 mm	Width
C_r	2.950.000 N	Basic dynamic load rating, radial
C_{0r}	305.000 N	Basic static load rating, radial
C_{ur}	51.000 N	Fatigue load limit, radial
$\approx m$	3,81 kg	Weight

Mounting dimensions

d_a	112 mm	Diameter shaft shoulder
D_a	168 mm	Diameter of housing shoulder

Dimensions

E	163 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