

**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 (ISO 492:2023)
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
≈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

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

### Characteristics

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-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed