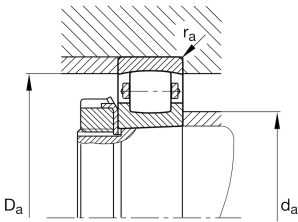


**FAG****20224-K-MB-C3** [↗](#)

Barrel roller bearing

Barrel roller bearing 202...-K-MB

## Technical information

**Your current product variant**

Bore type	K	Tapered, taper 1:12
Cage	MB	Solid brass cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN

**Main Dimensions & Performance Data**

d	120 mm	Bore diameter
D	215 mm	Outside diameter
B	40 mm	Width
$C_r$	305.000 N	Basic dynamic load rating, radial
$C_{0r}$	415.000 N	Basic static load rating, radial
$C_{ur}$	38.500 N	Fatigue load limit, radial
$n_G$	3.350 1/min	Limiting speed
$\approx m$	6,41 kg	Weight

**Mounting dimensions**

$d_{a \min}$	132 mm	Minimum diameter shaft shoulder
$D_{a \max}$	203 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius
$d_{a \max}$	143 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	127 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	13 mm	Minimum cavity width of the sleeve



### Dimensions

$r_{min}$	2,1 mm	Minimum chamfer dimension
$D_1$	191,1 mm	Bore diameter outer ring









### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.

### Additional information

H3024	Adapter sleeve
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### Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment