

**FAG****20228-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 &amp; Performance Data

d	140 mm	Bore diameter
D	250 mm	Outside diameter
B	42 mm	Width
$C_r$	395.000 N	Basic dynamic load rating, radial
$C_{0r}$	540.000 N	Basic static load rating, radial
$C_{ur}$	51.000 N	Fatigue load limit, radial
$n_G$	3.050 1/min	Limiting speed
$\approx m$	8,927 kg	Weight

## Mounting dimensions

$d_{a \min}$	154 mm	Minimum diameter shaft shoulder
$D_{a \max}$	236 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius
$d_{a \max}$	166 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	147 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	19 mm	Minimum cavity width of the sleeve



### Dimensions

$r_{min}$	3 mm	Minimum chamfer dimension
$D_1$	223,9 mm	Bore diameter outer ring









### Temperature range

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

### Additional information

H3028	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