

**FAG****20220-MB** [↗](#)

Barrel roller bearing

Barrel roller bearing 202...-MB

## Technical information



## Your current product variant

Bore type	Z	Cylindrical
Cage	MB	Solid brass cage
Radial internal clearance	CN (Group N)	Normal internal clearance

## Main Dimensions &amp; Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	34 mm	Width
$C_r$	225.000 N	Basic dynamic load rating, radial
$C_{0r}$	290.000 N	Basic static load rating, radial
$C_{ur}$	28.500 N	Fatigue load limit, radial
$n_G$	4.000 1/min	Limiting speed
$\approx m$	3,916 kg	Weight

## Mounting dimensions

$d_{a \min}$	112 mm	Minimum diameter shaft shoulder
$D_{a \max}$	168 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum recess radius

## Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$D_1$	160,8 mm	Bore diameter outer ring



### Temperature range

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

### 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