

**FAG****20319-MB**

Barrel roller bearing

Barrel roller bearings 203, main dimensions to DIN 635-1

## 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	95 mm	Bore diameter
D	200 mm	Outside diameter
B	45 mm	Width
$C_r$	330.000 N	Basic dynamic load rating, radial
$C_{0r}$	400.000 N	Basic static load rating, radial
$C_{ur}$	34.500 N	Fatigue load limit, radial
$n_G$	3.400 1/min	Limiting speed
$\approx m$	7,08 kg	Weight

## Mounting dimensions

$d_{a \min}$	109 mm	Minimum diameter shaft shoulder
$D_{a \max}$	186 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius

## Dimensions









$r_{\min}$	3 mm	Minimum chamfer dimension
$D_1$	174,5 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