

**FAG****20218-MB-C3**

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	C3 (Group 3)	Internal clearance larger than CN

**Main Dimensions & Performance Data**

d	90 mm	Bore diameter
D	160 mm	Outside diameter
B	30 mm	Width
$C_r$	174.000 N	Basic dynamic load rating, radial
$C_{0r}$	220.000 N	Basic static load rating, radial
$C_{ur}$	22.500 N	Fatigue load limit, radial
$n_G$	4.550 1/min	Limiting speed
$\approx m$	2,68 kg	Weight

**Mounting dimensions**

$d_{a \min}$	101 mm	Minimum diameter shaft shoulder
$D_{a \max}$	149 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2 mm	Maximum recess radius

**Dimensions**

$r_{\min}$	2 mm	Minimum chamfer dimension
$D_1$	143,8 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