

**FAG****20240-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 & Performance Data

d	200 mm	Bore diameter
D	360 mm	Outside diameter
B	58 mm	Width
C_r	730.000 N	Basic dynamic load rating, radial
C_{0r}	1.080.000 N	Basic static load rating, radial
C_{ur}	92.000 N	Fatigue load limit, radial
n_G	2.180 1/min	Limiting speed
$\approx m$	26,6 kg	Weight

Mounting dimensions

$d_{a \min}$	217 mm	Minimum diameter shaft shoulder
$D_{a \max}$	343 mm	Maximum diameter of housing shoulder
$r_{a \max}$	3 mm	Maximum recess radius

Dimensions










r_{\min}	4 mm	Minimum chamfer dimension
D_1	319 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
-  Large bearing
-  Static angular error and misalignment
-  Dynamic angular error and misalignment