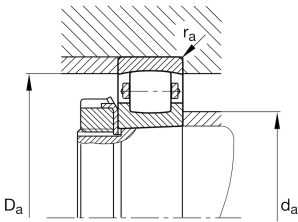
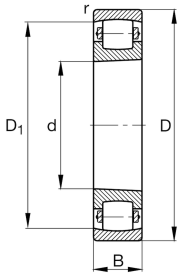


**FAG****20232-K-MB-C3** [🔗](#)

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 & Performance Data**

d	160 mm	Bore diameter
D	290 mm	Outside diameter
B	48 mm	Width
$C_r$	500.000 N	Basic dynamic load rating, radial
$C_{0r}$	720.000 N	Basic static load rating, radial
$C_{ur}$	65.000 N	Fatigue load limit, radial
$n_G$	2.650 1/min	Limiting speed
$\approx m$	14,16 kg	Weight

**Mounting dimensions**

$d_{a \min}$	174 mm	Minimum diameter shaft shoulder
$D_{a \max}$	276 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius
$d_{a \max}$	193 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	168 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	20 mm	Minimum cavity width of the sleeve



## Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$D_1$	256,5 mm	Bore diameter outer ring









## Temperature range

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

## Additional information

H3032	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