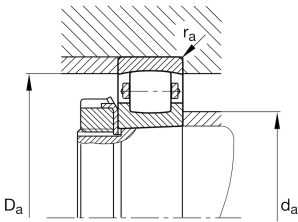
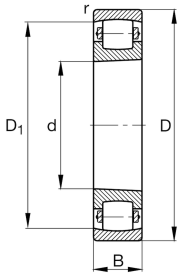
**FAG****20230-K-MB-C3** [🔗](#)

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	150 mm	Bore diameter
D	270 mm	Outside diameter
B	45 mm	Width
$C_r$	430.000 N	Basic dynamic load rating, radial
$C_{0r}$	610.000 N	Basic static load rating, radial
$C_{ur}$	56.000 N	Fatigue load limit, radial
$n_G$	2.850 1/min	Limiting speed
$\approx m$	11,5 kg	Weight

**Mounting dimensions**

$d_{a \min}$	164 mm	Minimum diameter shaft shoulder
$D_{a \max}$	256 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,5 mm	Maximum recess radius
$d_{a \max}$	181 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	158 mm	Minimum cavity diameter of the sleeve
$B_{a \min}$	19 mm	Minimum cavity width of the sleeve



### Dimensions

$r_{min}$	3 mm	Minimum chamfer dimension
$D_1$	238,6 mm	Bore diameter outer ring









### Temperature range

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

### Additional information

H3030	Adapter sleeve
-------	----------------

### 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