

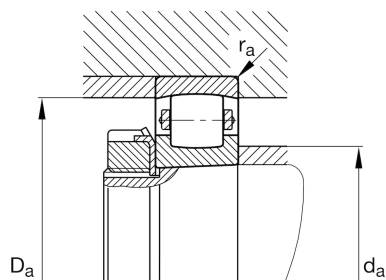
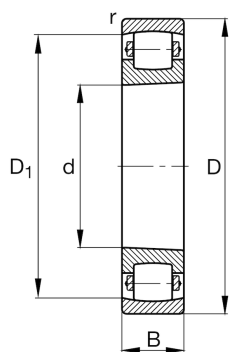
**FAG****20230-K-MB-C3**

Barrel roller bearing

Schaeffler ID:  
0384288650030

Barrel roller bearing 202..-K-MB

## Technical information

**Temperature range**

|            |         |                            |
|------------|---------|----------------------------|
| $T_{\min}$ | -30 °C  | Operating temperature min. |
| $T_{\max}$ | 200 °C  | Operating temperature max. |
|            | 11,5 kg | Weight                     |

**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                    |

**Dimensions**

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

**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    |

**Additional information**

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