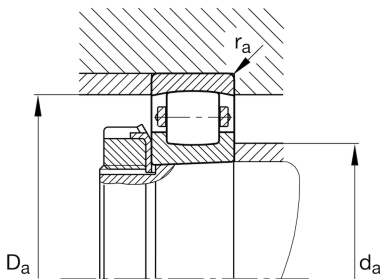
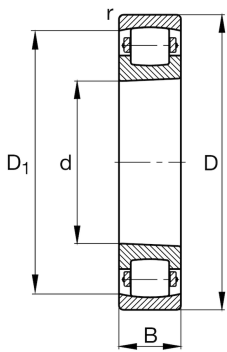
**FAG****20222-K-MB-C3** [↗](#)

Barrel roller bearing

Barrel roller bearing 202..-K-MB

## Technical information

**Main Dimensions & Performance Data**

|             |             |                                   |
|-------------|-------------|-----------------------------------|
| d           | 110 mm      | Bore diameter                     |
| D           | 200 mm      | Outside diameter                  |
| B           | 38 mm       | Width                             |
| $C_r$       | 285.000 N   | Basic dynamic load rating, radial |
| $C_{0r}$    | 370.000 N   | Basic static load rating, radial  |
| $C_{ur}$    | 35.000 N    | Fatigue load limit, radial        |
| $n_G$       | 3.600 1/min | Limiting speed                    |
| $\approx m$ | 5,34 kg     | Weight                            |

**Mounting dimensions**

|              |        |                                       |
|--------------|--------|---------------------------------------|
| $d_{a \min}$ | 122 mm | Minimum diameter shaft shoulder       |
| $D_{a \max}$ | 188 mm | Maximum diameter of housing shoulder  |
| $r_{a \max}$ | 2,1 mm | Maximum recess radius                 |
| $d_{a \max}$ | 132 mm | Maximum diameter of shaft shoulder    |
| $d_{b \min}$ | 116 mm | Minimum cavity diameter of the sleeve |
| $B_{a \min}$ | 7 mm   | Minimum cavity width of the sleeve    |

**Dimensions**

|            |          |                           |
|------------|----------|---------------------------|
| $r_{\min}$ | 2,1 mm   | Minimum chamfer dimension |
| $D_1$      | 178,6 mm | Bore diameter outer ring  |

**Temperature range**

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

**Additional information**

|      |                |
|------|----------------|
| H222 | Adapter sleeve |
|------|----------------|