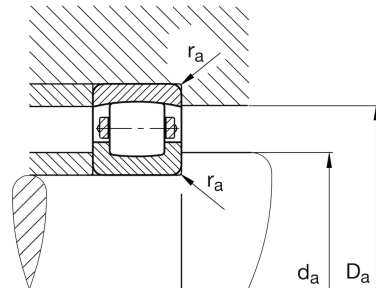
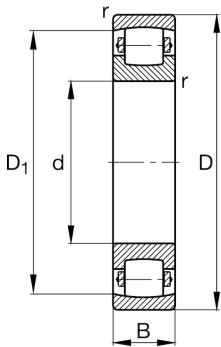
**FAG****20205-TVP-C3** [↗](#)

Barrel roller bearing

Barrel roller bearings 202, main dimensions to DIN 635-1

## Technical information

**Main Dimensions & Performance Data**

|             |              |                                   |
|-------------|--------------|-----------------------------------|
| d           | 25 mm        | Bore diameter                     |
| D           | 52 mm        | Outside diameter                  |
| B           | 15 mm        | Width                             |
| $C_r$       | 24.100 N     | Basic dynamic load rating, radial |
| $C_{0r}$    | 24.900 N     | Basic static load rating, radial  |
| $C_{ur}$    | 2.260 N      | Fatigue load limit, radial        |
| $n_G$       | 11.500 1/min | Limiting speed                    |
| $\approx m$ | 0,135 kg     | Weight                            |

**Mounting dimensions**

|              |         |                                      |
|--------------|---------|--------------------------------------|
| $d_{a \min}$ | 30,6 mm | Minimum diameter shaft shoulder      |
| $D_{a \max}$ | 46,4 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 1 mm    | Maximum recess radius                |

**Dimensions**

|            |         |                           |
|------------|---------|---------------------------|
| $r_{\min}$ | 1 mm    | Minimum chamfer dimension |
| $D_1$      | 43,9 mm | Bore diameter outer ring  |

**Temperature range**

|            |        |                            |
|------------|--------|----------------------------|
| $T_{\min}$ | -30 °C | Operating temperature min. |
| $T_{\max}$ | 120 °C | Operating temperature max. |