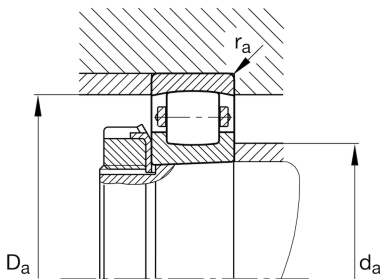
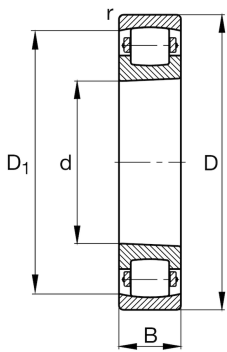
**FAG****20218-K-MB** [↗](#)

Barrel roller bearing

Barrel roller bearing 202..-K-MB

Technical information

**Main Dimensions & Performance Data**

| | | |
|-------------|-------------|-----------------------------------|
| d | 90 mm | Bore diameter |
| D | 160 mm | Outside diameter |
| B | 30 mm | Width |
| C_r | 174.000 N | Basic dynamic load rating, radial |
| C_{0r} | 220.000 N | Basic static load rating, radial |
| C_{ur} | 22.500 N | Fatigue load limit, radial |
| n_G | 4.550 1/min | Limiting speed |
| $\approx m$ | 2,63 kg | Weight |

Mounting dimensions

| | | |
|--------------|--------|---------------------------------------|
| $d_{a \min}$ | 101 mm | Minimum diameter shaft shoulder |
| $D_{a \max}$ | 149 mm | Maximum diameter of housing shoulder |
| $r_{a \max}$ | 2 mm | Maximum recess radius |
| $d_{a \max}$ | 108 mm | Maximum diameter of shaft shoulder |
| $d_{b \min}$ | 95 mm | Minimum cavity diameter of the sleeve |
| $B_{a \min}$ | 6 mm | Minimum cavity width of the sleeve |

Dimensions

| | | |
|------------|----------|---------------------------|
| r_{\min} | 2 mm | Minimum chamfer dimension |
| D_1 | 143,8 mm | Bore diameter outer ring |

Temperature range

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

Additional information

| | |
|------|----------------|
| H218 | Adapter sleeve |
|------|----------------|