

FAG

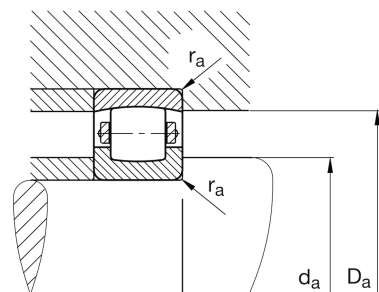
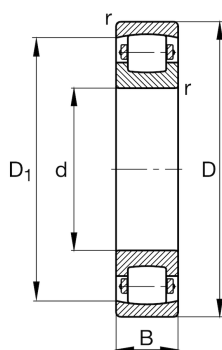
★ 20205-TVP

Barrel roller bearing

Schaeffler ID:
0167017390000Barrel roller bearings 202, main
dimensions to DIN 635-1

★ Preferred product

Technical information



Temperature range

| | | |
|------------|----------|----------------------------|
| T_{\min} | -30 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |
| | 0,135 kg | Weight |

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 |

Dimensions

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

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 |