

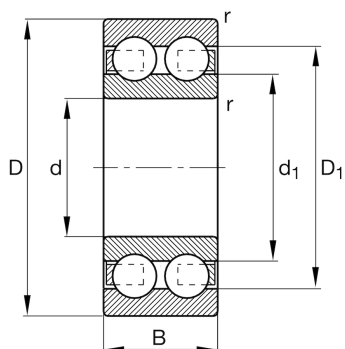
FAG

4304-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219415480000Deep groove ball bearings 43..-BB, main
dimensions to DIN 625-3, double row

Technical information

**Main Dimensions & Performance Data**

| | | |
|------------|--------------|-----------------------------------|
| d | 20 mm | Bore diameter |
| D | 52 mm | Outside diameter |
| B | 21 mm | Width |
| r_{\min} | 1,1 mm | Minimum chamfer dimension |
| C_r | 26.000 N | Basic dynamic load rating, radial |
| C_{0r} | 16.800 N | Basic static load rating, radial |
| C_{ur} | 870 N | Fatigue load limit, radial |
| n_G | 11.100 1/min | Limiting speed |
| n_{gr} | 9.300 1/min | Reference speed |
| | 0,21 kg | Weight |

Dimensions

| | | |
|-------|---------|------------------------------|
| D_1 | 42,3 mm | Shoulder diameter outer ring |
| d_1 | 31,5 mm | Shoulder diameter inner ring |

Mounting dimensions

| | | |
|-------------|-------|--------------------------------------|
| $d_{a\min}$ | 27 mm | Minimum diameter shaft shoulder |
| $D_{a\max}$ | 45 mm | Maximum diameter of housing shoulder |
| $r_{a\max}$ | 1 mm | Maximum fillet radius |

Temperature range

| | | |
|------------|--------|----------------------------|
| T_{\min} | -20 °C | Operating temperature min. |
| T_{\max} | 120 °C | Operating temperature max. |

Calculation factors

| | | |
|-------|----|--------------------|
| f_0 | 13 | Calculation factor |
|-------|----|--------------------|

