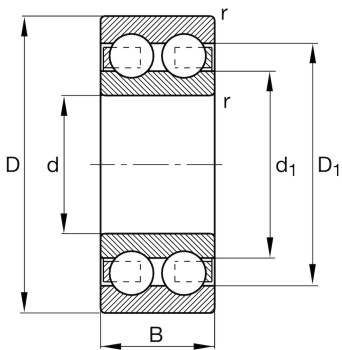
**FAG**★ **4304-BB-TVH**

Deep groove ball bearing

Schaeffler ID:  
0219415480000Deep groove ball bearing 43...BB-TVH,  
double row, plastic cage

★ Preferred product

## Technical information



## Temperature range

|           |         |                            |
|-----------|---------|----------------------------|
| $T_{min}$ | -20 °C  | Operating temperature min. |
| $T_{max}$ | 120 °C  | Operating temperature max. |
|           | 0,21 kg | Weight                     |

## Main Dimensions &amp; Performance Data

|          |              |                                   |
|----------|--------------|-----------------------------------|
| d        | 20 mm        | Bore diameter                     |
| D        | 52 mm        | Outside diameter                  |
| B        | 21 mm        | Width                             |
| $C_r$    | 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                   |

## Dimensions

|           |         |                              |
|-----------|---------|------------------------------|
| $r_{min}$ | 1,1 mm  | Minimum chamfer dimension    |
| $D_1$     | 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                |

## Calculation factors

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

