

FAG

★ 20308-TVP

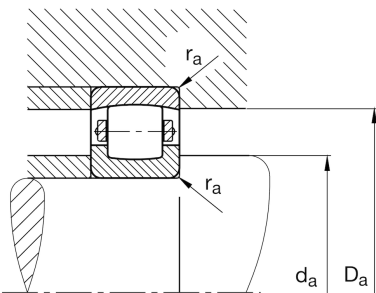
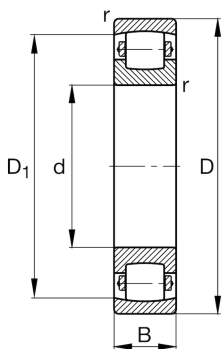
Barrel roller bearing

Schaeffler ID:  
0167020930000

Barrel roller bearings 203, main  
dimensions to DIN 635-1

★ Preferred product

Technical information



Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |
|                  | 0,7 kg | Weight                     |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 40 mm       | Bore diameter                     |
| D               | 90 mm       | Outside diameter                  |
| B               | 23 mm       | Width                             |
| C <sub>r</sub>  | 76.000 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 81.000 N    | Basic static load rating, radial  |
| C <sub>ur</sub> | 7.300 N     | Fatigue load limit, radial        |
| n <sub>G</sub>  | 7.000 1/min | Limiting speed                    |

Dimensions

|                  |         |                           |
|------------------|---------|---------------------------|
| r <sub>min</sub> | 1,5 mm  | Minimum chamfer dimension |
| D <sub>1</sub>   | 76,8 mm | Bore diameter outer ring  |

Mounting dimensions

|                    |        |                                      |
|--------------------|--------|--------------------------------------|
| d <sub>a min</sub> | 49 mm  | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 81 mm  | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1,5 mm | Maximum recess radius                |