

FAG

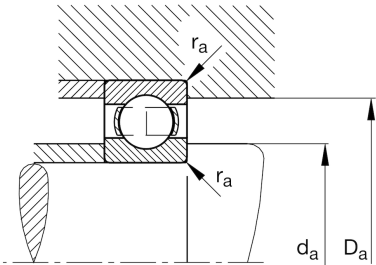
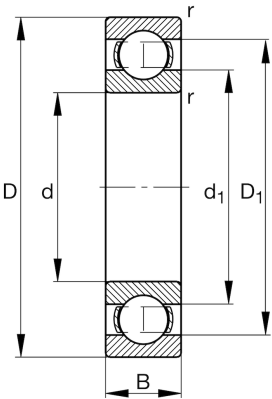
6200

Deep groove ball bearing

Schaeffler ID:  
0167192470000

Deep groove ball bearing 62, single row,  
steel sheet metal cage

Technical information



Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 10 mm        | Bore diameter                     |
| D               | 30 mm        | Outside diameter                  |
| B               | 9 mm         | Width                             |
| C <sub>r</sub>  | 6.300 N      | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 2.600 N      | Basic static load rating, radial  |
| C <sub>ur</sub> | 177 N        | Fatigue load limit, radial        |
| n <sub>G</sub>  | 31.500 1/min | Limiting speed                    |
| n <sub>gr</sub> | 23.400 1/min | Reference speed                   |
|                 | 32 g         | Weight                            |

Dimensions

|                  |         |                              |
|------------------|---------|------------------------------|
| r <sub>min</sub> | 0,6 mm  | Minimum chamfer dimension    |
| D <sub>1</sub>   | 24 mm   | Shoulder diameter outer ring |
| d <sub>1</sub>   | 16,7 mm | Shoulder diameter inner ring |

Mounting dimensions

|                    |         |                                      |
|--------------------|---------|--------------------------------------|
| d <sub>a min</sub> | 14,2 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 25,8 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 0,6 mm  | Maximum fillet radius                |

Calculation factors

|                |    |                    |
|----------------|----|--------------------|
| f <sub>0</sub> | 12 | Calculation factor |
|----------------|----|--------------------|

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 120 °C | Operating temperature max. |