

FAG

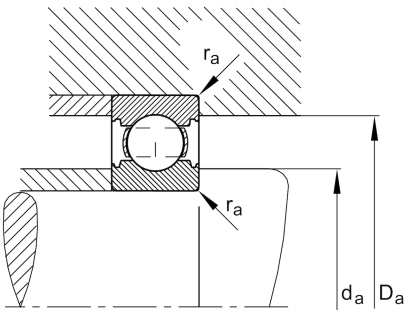
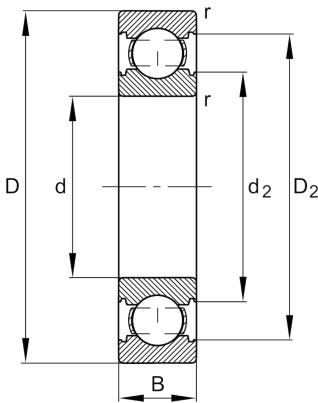
6007-C

Deep groove ball bearing

Schaeffler ID:  
0955622140000

Deep groove ball bearing 60...-C, single  
row, Generation C, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 35 mm        | Bore diameter                     |
| D               | 62 mm        | Outside diameter                  |
| B               | 14 mm        | Width                             |
| C <sub>r</sub>  | 17.500 N     | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 10.300 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 620 N        | Fatigue load limit, radial        |
| n <sub>G</sub>  | 17.700 1/min | Limiting speed                    |
| n <sub>gr</sub> | 12.600 1/min | Reference speed                   |
|                 | 0,14 kg      | Weight                            |

Dimensions

|                  |          |                             |
|------------------|----------|-----------------------------|
| r <sub>min</sub> | 1 mm     | Minimum chamfer dimension   |
| D <sub>2</sub>   | 56,32 mm | Caliber diameter outer ring |
| d <sub>2</sub>   | 41,31 mm | Caliber diameter inner ring |

Mounting dimensions

|                    |         |                                      |
|--------------------|---------|--------------------------------------|
| d <sub>a min</sub> | 39,6 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 57,4 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 1 mm    | Maximum fillet radius                |

Calculation factors

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 14,9 | Calculation factor |
|----------------|------|--------------------|

Temperature range

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