



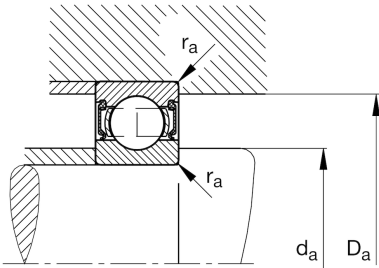
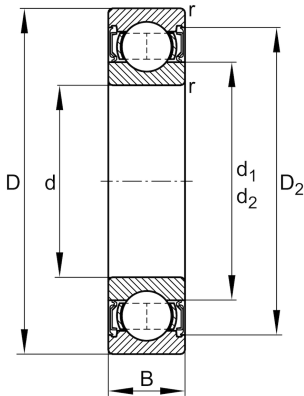
FAG

### 61907-2RSR [🔗](#)

Deep groove ball bearing

Deep groove ball bearing 619...-2RSR, single row, seals, steel sheet metal cage

#### Technical information



#### Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 35 mm       | Bore diameter                     |
| D               | 55 mm       | Outside diameter                  |
| B               | 10 mm       | Width                             |
| C <sub>r</sub>  | 10,900 N    | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 7,750 N     | Basic static load rating, radial  |
| C <sub>ur</sub> | 520 N       | Fatigue load limit, radial        |
| n <sub>G</sub>  | 6,300 1/min | Limiting speed                    |
| ≈m              | 77 g        | Weight                            |

#### Mounting dimensions

|                    |         |                                      |
|--------------------|---------|--------------------------------------|
| d <sub>a min</sub> | 38.2 mm | Minimum diameter shaft shoulder      |
| D <sub>a max</sub> | 51.8 mm | Maximum diameter of housing shoulder |
| r <sub>a max</sub> | 0.6 mm  | Maximum fillet radius                |

#### Dimensions

|                  |         |                              |
|------------------|---------|------------------------------|
| r <sub>min</sub> | 0.6 mm  | Minimum chamfer dimension    |
| D <sub>2</sub>   | 50.6 mm | Caliber diameter outer ring  |
| d <sub>1</sub>   | 41.6 mm | Shoulder diameter inner ring |

#### Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 100 °C | Operating temperature max. |

#### Calculation factors

|                |      |                    |
|----------------|------|--------------------|
| f <sub>0</sub> | 15.6 | Calculation factor |
|----------------|------|--------------------|