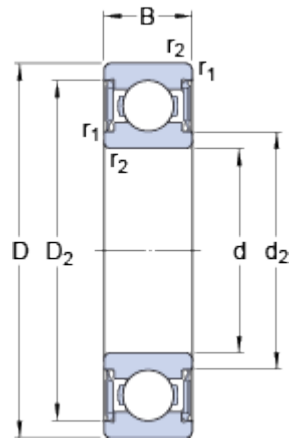


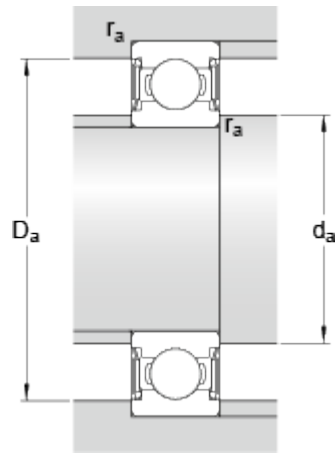
# W 627-2RS1

## Dimensions



|                  |          |    |
|------------------|----------|----|
| d                | 7        | mm |
| D                | 22       | mm |
| B                | 7        | mm |
| d <sub>2</sub>   | ≈ 10.5   | mm |
| D <sub>2</sub>   | ≈ 19.03  | mm |
| r <sub>1,2</sub> | min. 0.3 | mm |

## Abutment dimensions



|                |           |    |
|----------------|-----------|----|
| d <sub>a</sub> | min. 9    | mm |
| d <sub>a</sub> | max. 10.4 | mm |
| D <sub>a</sub> | max. 20   | mm |
| r <sub>a</sub> | max. 0.3  | mm |

## Calculation data

|                           |                |       |       |
|---------------------------|----------------|-------|-------|
| Basic dynamic load rating | C              | 1.99  | kN    |
| Basic static load rating  | C <sub>0</sub> | 0.78  | kN    |
| Fatigue load limit        | P <sub>u</sub> | 0.034 | kN    |
| Limiting speed            |                | 22000 | r/min |
| Calculation factor        | k <sub>r</sub> | 0.03  |       |
| Calculation factor        | f <sub>0</sub> | 7.2   |       |

## Mass

|              |       |    |
|--------------|-------|----|
| Mass bearing | 0.012 | kg |
|--------------|-------|----|