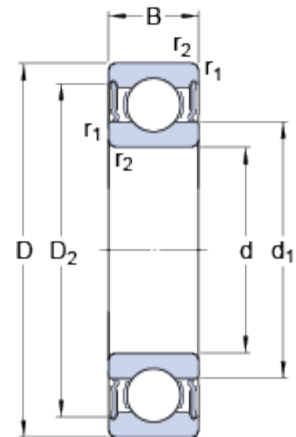




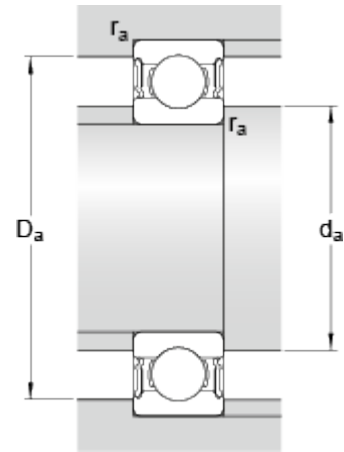
# W 6005-2RS1

## Dimensions



|                  |          |    |
|------------------|----------|----|
| d                | 25       | mm |
| D                | 47       | mm |
| B                | 12       | mm |
| d <sub>1</sub>   | ≈ 31.7   | mm |
| D <sub>2</sub>   | ≈ 42.73  | mm |
| r <sub>1,2</sub> | min. 0.6 | mm |

## Abutment dimensions



|                |           |    |
|----------------|-----------|----|
| d <sub>a</sub> | min. 29   | mm |
| d <sub>a</sub> | max. 31.5 | mm |
| D <sub>a</sub> | max. 44.5 | mm |
| r <sub>a</sub> | max. 0.6  | mm |

## Calculation data

|                           |                |      |       |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C              | 8.71 | kN    |
| Basic static load rating  | C <sub>0</sub> | 5.85 | kN    |
| Fatigue load limit        | P <sub>u</sub> | 0.25 | kN    |
| Limiting speed            |                | 9500 | r/min |
| Calculation factor        | k <sub>r</sub> | 0.03 |       |
| Calculation factor        | f <sub>0</sub> | 14.5 |       |

## Mass

|              |       |    |
|--------------|-------|----|
| Mass bearing | 0.077 | kg |
|--------------|-------|----|