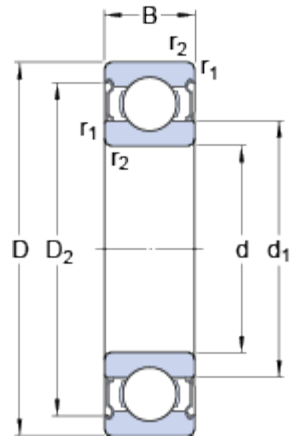




# 6009-2Z

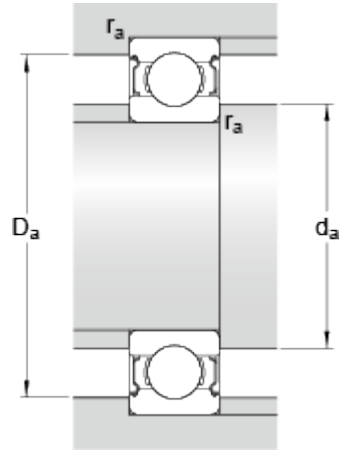
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## Dimensions



|                  |         |    |
|------------------|---------|----|
| d                | 45      | mm |
| D                | 75      | mm |
| B                | 16      | mm |
| d <sub>1</sub>   | ≈ 54.75 | mm |
| D <sub>2</sub>   | ≈ 67.8  | mm |
| r <sub>1,2</sub> | min. 1  | mm |

## Abutment dimensions



|                |      |      |    |
|----------------|------|------|----|
| d <sub>a</sub> | min. | 50.8 | mm |
| d <sub>a</sub> | max. | 54.7 | mm |
| D <sub>a</sub> | max. | 69.2 | mm |
| r <sub>a</sub> | max. | 1    | mm |

## Calculation data

|                           |                |       |       |
|---------------------------|----------------|-------|-------|
| Basic dynamic load rating | C              | 22.1  | kN    |
| Basic static load rating  | C <sub>0</sub> | 14.6  | kN    |
| Fatigue load limit        | P <sub>u</sub> | 0.64  | kN    |
| Reference speed           |                | 20000 | r/min |
| Limiting speed            |                | 10000 | r/min |
| Calculation factor        | k <sub>r</sub> | 0.025 |       |
| Calculation factor        | f <sub>0</sub> | 14.9  |       |

## Mass

|              |      |    |
|--------------|------|----|
| Mass bearing | 0.25 | kg |
|--------------|------|----|