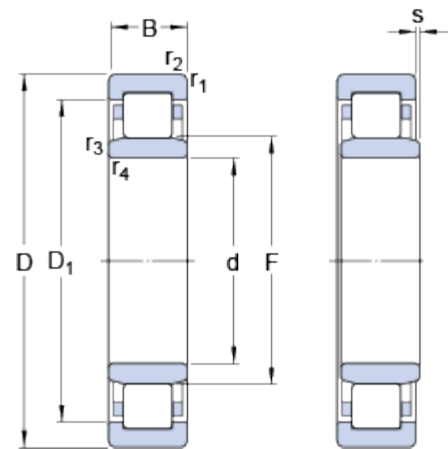




# NU 309 ECP

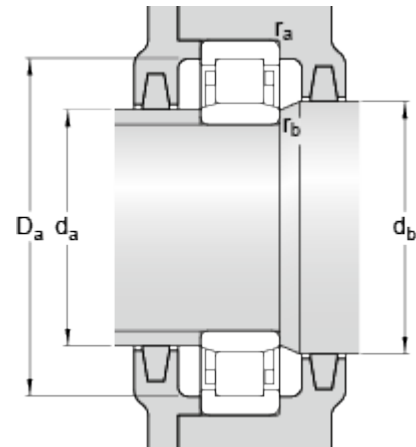
SKF Explorer

## Dimensions



|                  |          |    |
|------------------|----------|----|
| d                | 45       | mm |
| D                | 100      | mm |
| B                | 25       | mm |
| D <sub>1</sub>   | ≈ 83.2   | mm |
| F                | 58.5     | mm |
| r <sub>1,2</sub> | min. 1.5 | mm |
| r <sub>3,4</sub> | min. 1.5 | mm |
| s                | max. 1.7 | mm |

## Abutment dimensions



|                |      |      |    |
|----------------|------|------|----|
| d <sub>a</sub> | min. | 54   | mm |
| d <sub>a</sub> | max. | 56   | mm |
| d <sub>b</sub> | min. | 60   | mm |
| D <sub>a</sub> | max. | 91.4 | mm |
| r <sub>a</sub> | max. | 1.5  | mm |
| r <sub>b</sub> | max. | 1.5  | mm |

## Calculation data

|                           |                |      |       |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C              | 112  | kN    |
| Basic static load rating  | C <sub>0</sub> | 100  | kN    |
| Fatigue load limit        | P <sub>u</sub> | 12.9 | kN    |
| Reference speed           |                | 7500 | r/min |
| Limiting speed            |                | 8500 | r/min |
| Calculation factor        | k <sub>r</sub> | 0.15 |       |
| Limiting value            | e              | 0.2  |       |
| Axial load factor         | Y              | 0.6  |       |

## Mass

|              |     |    |
|--------------|-----|----|
| Mass bearing | 0.9 | kg |
|--------------|-----|----|

## Associated products

