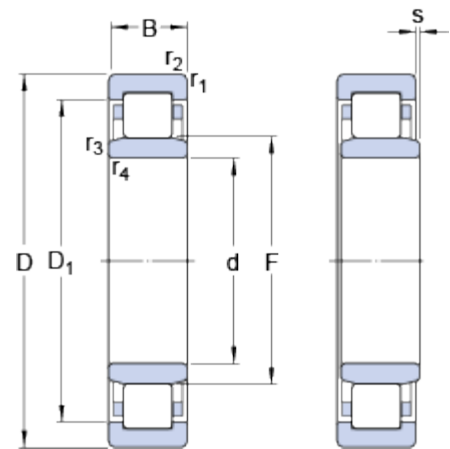




# NU 316 ECP

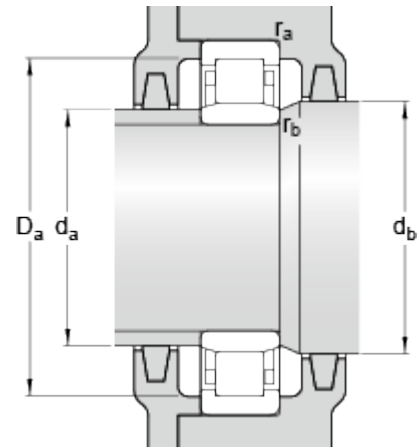
SKF Explorer

## Dimensions



|                  |          |    |
|------------------|----------|----|
| d                | 80       | mm |
| D                | 170      | mm |
| B                | 39       | mm |
| D <sub>1</sub>   | ≈ 142.7  | mm |
| F                | 101      | mm |
| r <sub>1,2</sub> | min. 2.1 | mm |
| r <sub>3,4</sub> | min. 2.1 | mm |
| s                | max. 2.1 | mm |

## Abutment dimensions



|                |      |       |    |
|----------------|------|-------|----|
| d <sub>a</sub> | min. | 92    | mm |
| d <sub>a</sub> | max. | 98    | mm |
| d <sub>b</sub> | min. | 104   | mm |
| D <sub>a</sub> | max. | 157.8 | mm |
| r <sub>a</sub> | max. | 2     | mm |
| r <sub>b</sub> | max. | 2     | mm |

## Calculation data

|                           |                |      |       |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C              | 300  | kN    |
| Basic static load rating  | C <sub>0</sub> | 290  | kN    |
| Fatigue load limit        | P <sub>u</sub> | 36   | kN    |
| Reference speed           |                | 4300 | r/min |
| Limiting speed            |                | 5000 | r/min |
| Calculation factor        | k <sub>r</sub> | 0.15 |       |
| Limiting value            | e              | 0.2  |       |
| Axial load factor         | Y              | 0.6  |       |

## Mass

|              |      |    |
|--------------|------|----|
| Mass bearing | 3.86 | kg |
|--------------|------|----|

## Associated products

