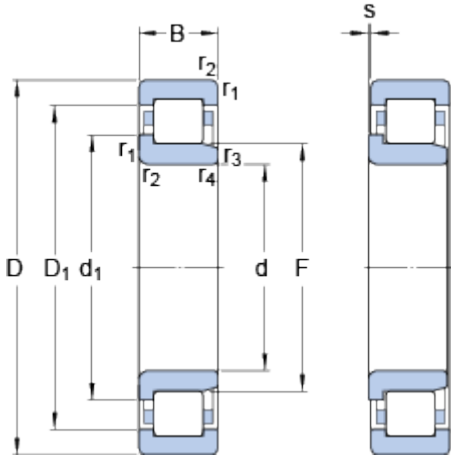


NJ 307 ECJ

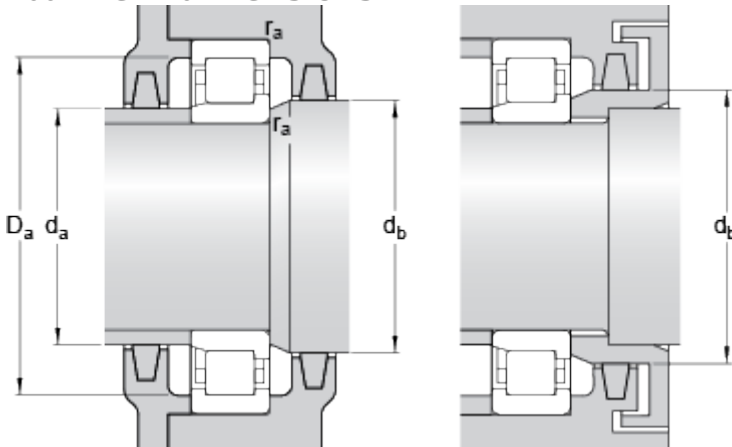
SKF Explorer

Dimensions



| | | |
|------------------|----------|----|
| d | 35 | mm |
| D | 80 | mm |
| B | 21 | mm |
| d ₁ | ≈ 51 | mm |
| D ₁ | ≈ 65.8 | mm |
| F | 46.2 | mm |
| r _{1,2} | min. 1.5 | mm |
| r _{3,4} | min. 1.1 | mm |
| s | max. 1.2 | mm |

Abutment dimensions



| | | |
|----------------|-----------|----|
| d _a | min. 43 | mm |
| d _a | max. 44 | mm |
| d _b | min. 53 | mm |
| D _a | max. 72.2 | mm |
| r _a | max. 1.5 | mm |

Calculation data

| | | | |
|---------------------------|----------------|-------|-------|
| Basic dynamic load rating | C | 75 | kN |
| Basic static load rating | C | 63 | kN |
| Fatigue load limit | P _u | 8.15 | kN |
| Reference speed | | 9500 | r/min |
| Limiting speed | | 11000 | r/min |
| Calculation factor | k _r | 0.15 | |
| Limiting value | e | 0.2 | |
| Axial load factor | Y | 0.6 | |

Mass

| | | | |
|--------------|--|-----|----|
| Mass bearing | | 0.5 | kg |
|--------------|--|-----|----|

Associated products

| | |
|------------|-----------|
| Angle ring | HJ 307 EC |
|------------|-----------|

