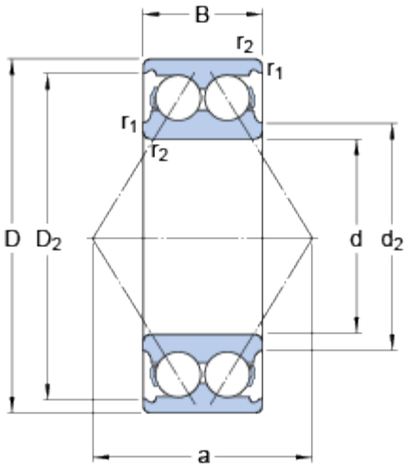
# 3310 A

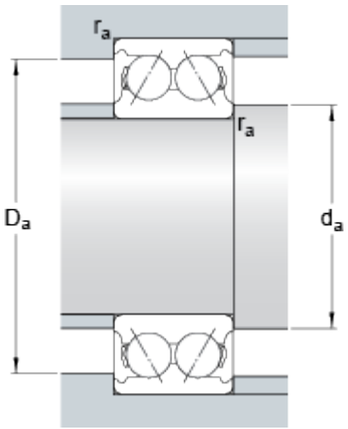
Popular item
SKF Explorer

## Dimensions




| | | | |
|---|---|---|---|
| d | | 50 | mm |
| D | | 110 | mm |
| B | | 44.4 | mm |
| $d_2$ | ≈ | 62 | mm |
| $D_2$ | ≈ | 99.45 | mm |
| $r_{1,2}$ | min. | 2 | mm |
| a | | 65 | mm |

## Abutment dimensions




| | | | |
|---|---|---|---|
| $d_a$ | min. | 61 | mm |
| $D_a$ | max. | 99.5 | mm |
| $r_a$ | max. | 2 | mm |

## Calculation data

| | | | |
|---|---|---|---|
| Basic dynamic load rating | C | 95 | kN |
| Basic static load rating | $C_0$ | 69.5 | kN |
| Fatigue load limit | $P_u$ | 3 | kN |
| Reference speed | | 6000 | r/min |
| Limiting speed | | 6000 | r/min |
| Calculation factor | $k_r$ | 0.07 | |
| Calculation factor | e | 0.8 | |
| Calculation factor | X | 0.63 | |
| Calculation factor | $Y_0$ | 0.66 | |
| Calculation factor | $Y_1$ | 0.78 | |
| Calculation factor | $Y_2$ | 1.24 | |

## Mass

| | | |
|---|---|---|
| Mass bearing | 1.7 | kg |