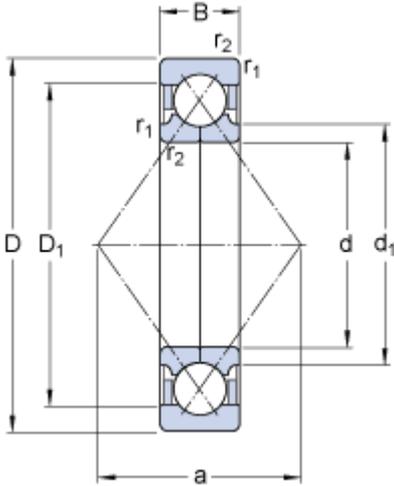


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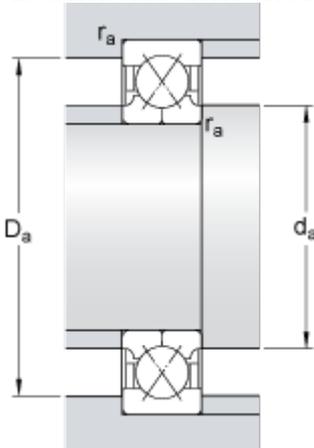
SKF Explorer

Dimensions



| | | |
|------------------|----------|----|
| d | 50 | mm |
| D | 90 | mm |
| B | 20 | mm |
| d ₁ | ≈ 59.5 | mm |
| D ₁ | ≈ 76.5 | mm |
| a | 49 | mm |
| r _{1,2} | min. 1.1 | mm |

Abutment dimensions



| | | | |
|----------------|------|----|----|
| d _a | min. | 57 | mm |
| D _a | max. | 83 | mm |
| r _a | max. | 1 | mm |

Calculation data

| | | | |
|---------------------------|----------------|--------|-------|
| Basic dynamic load rating | C | 65.5 | kN |
| Basic static load rating | C | 61 | kN |
| Fatigue load limit | P _u | 2.6 | kN |
| Limiting speed | | 13000 | r/min |
| Calculation factor | A | 0.0103 | |
| Calculation factor | e | 0.95 | |
| Calculation factor | X | 0.6 | |
| Calculation factor | Y | 0.58 | |
| Calculation factor | Y ₁ | 0.66 | |
| Calculation factor | Y ₂ | 1.07 | |

Mass

| | | |
|--------------|------|----|
| Mass bearing | 0.59 | kg |
|--------------|------|----|

