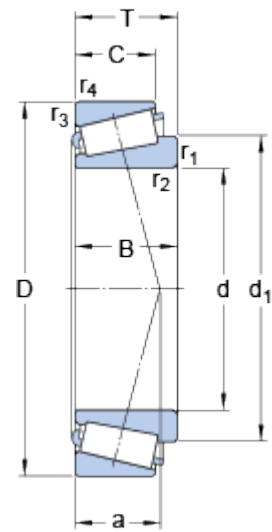


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SKF Explorer

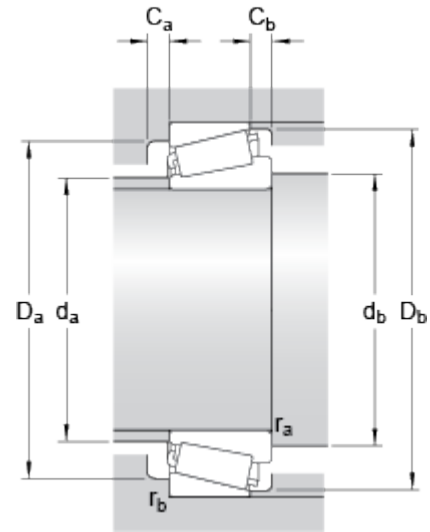
| | |
|------------------|-----|
| Dimension series | 3DB |
|------------------|-----|

Dimensions



| | | |
|------------------|----------|----|
| d | 55 | mm |
| D | 100 | mm |
| T | 22.75 | mm |
| d ₁ | 74.7 | mm |
| B | 21 | mm |
| C | 18 | mm |
| r _{1,2} | min. 2 | mm |
| r _{3,4} | min. 1.5 | mm |
| a | 20.251 | mm |

Abutment dimensions



| | | | |
|----------------|------|-----|----|
| d _a | max. | 64 | mm |
| d _b | min. | 65 | mm |
| D _a | min. | 88 | mm |
| D _a | max. | 92 | mm |
| D _b | min. | 94 | mm |
| C _a | min. | 4 | mm |
| C _b | min. | 4.5 | mm |

Calculation data

| | | | |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C | 111 | kN |
| Basic static load rating | C ₀ | 106 | kN |
| Fatigue load limit | P _u | 12 | kN |
| Reference speed | | 5300 | r/min |
| Limiting speed | | 6700 | r/min |
| Calculation factor | e | 0.4 | |
| Calculation factor | Y | 1.5 | |
| Calculation factor | Y ₀ | 0.8 | |

Mass

| | | |
|--------------|-----|----|
| Mass bearing | 0.7 | kg |
|--------------|-----|----|

