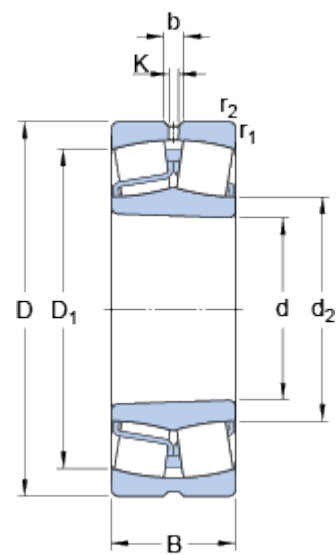


22222 EK

SKF Explorer

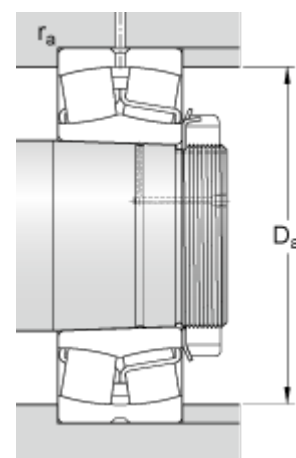
Dimensions



|                  |          |    |
|------------------|----------|----|
| d                | 110      | mm |
| D                | 200      | mm |
| B                | 53       | mm |
| d <sub>2</sub>   | ≈ 130    | mm |
| D <sub>1</sub>   | ≈ 178    | mm |
| b                | 8.3      | mm |
| K                | 4.5      | mm |
| r <sub>1,2</sub> | min. 2.1 | mm |

Tapered bore, taper 1:12

Abutment dimensions



|                |          |    |
|----------------|----------|----|
| D <sub>a</sub> | max. 188 | mm |
| r <sub>a</sub> | max. 2   | mm |

Calculation data

|                           |                |      |       |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C              | 572  | kN    |
| Basic static load rating  | C <sub>0</sub> | 640  | kN    |
| Fatigue load limit        | P <sub>u</sub> | 63   | kN    |
| Reference speed           |                | 3000 | r/min |
| Limiting speed            |                | 4000 | r/min |
| Calculation factor        | e              | 0.25 |       |
| Calculation factor        | Y <sub>1</sub> | 2.7  |       |
| Calculation factor        | Y <sub>2</sub> | 4    |       |
| Calculation factor        | Y <sub>0</sub> | 2.5  |       |

Mass

|              |      |    |
|--------------|------|----|
| Mass bearing | 6.85 | kg |
|--------------|------|----|

