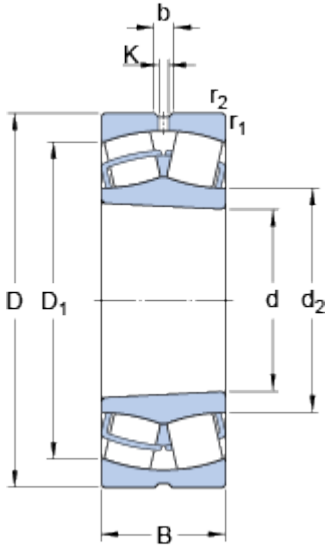


22310 EK

SKF Explorer

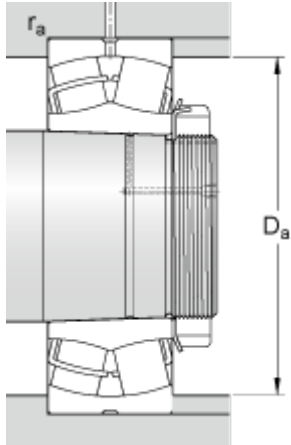
Dimensions



| | | |
|------------------|--------|----|
| d | 50 | mm |
| D | 110 | mm |
| B | 40 | mm |
| d ₂ | ≈ 63.9 | mm |
| D ₁ | ≈ 91.9 | mm |
| b | 6 | mm |
| K | 3 | mm |
| r _{1,2} | min. 2 | mm |

Tapered bore, taper 1:12

Abutment dimensions



| | | | |
|----------------|------|----|----|
| D _a | max. | 99 | mm |
| r _a | max. | 2 | mm |

Calculation data

| | | | |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C | 228 | kN |
| Basic static load rating | C | 224 | kN |
| Fatigue load limit | P _u | 24 | kN |
| Reference speed | | 4800 | r/min |
| Limiting speed | | 6300 | r/min |
| Calculation factor | e | 0.37 | |
| Calculation factor | Y ₁ | 1.8 | |
| Calculation factor | Y ₂ | 2.7 | |
| Calculation factor | Y | 1.8 | |

Mass

| | | |
|--------------|------|----|
| Mass bearing | 1.85 | kg |
|--------------|------|----|

Mounting information

| | | | |
|---------------------------------------|---|-----|---|
| Recommended lock nut tightening angle | α | 130 | ° |
|---------------------------------------|---|-----|---|

