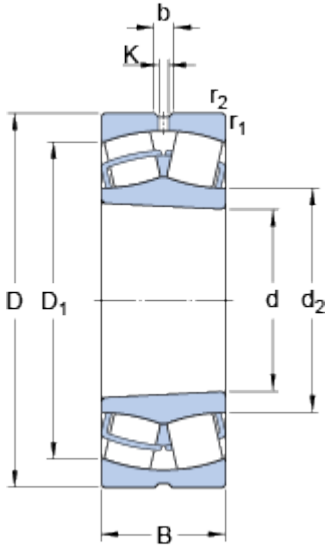


22311 EK

SKF Explorer

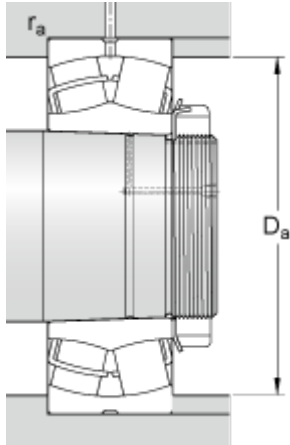
Dimensions



| | | | |
|------------------|------|------|----|
| d | | 55 | mm |
| D | | 120 | mm |
| B | | 43 | mm |
| d ₂ | ≈ | 70.1 | mm |
| D ₁ | ≈ | 102 | mm |
| b | | 5.5 | mm |
| K | | 3 | mm |
| r _{1,2} | min. | 2 | mm |

Tapered bore, taper 1:12

Abutment dimensions



| | | | |
|----------------|------|-----|----|
| D _a | max. | 109 | mm |
| r _a | max. | 2 | mm |

Calculation data

| | | | |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C | 280 | kN |
| Basic static load rating | C | 280 | kN |
| Fatigue load limit | P _u | 30 | kN |
| Reference speed | | 4300 | r/min |
| Limiting speed | | 5600 | r/min |
| Calculation factor | e | 0.35 | |
| Calculation factor | Y ₁ | 1.9 | |
| Calculation factor | Y ₂ | 2.9 | |
| Calculation factor | Y | 1.8 | |

Mass

| | | | |
|--------------|--|-----|----|
| Mass bearing | | 2.4 | kg |
|--------------|--|-----|----|

Mounting information

| | | | |
|---------------------------------------|--|---|-------|
| Recommended lock nut tightening angle | | α | 115 ° |
|---------------------------------------|--|---|-------|

