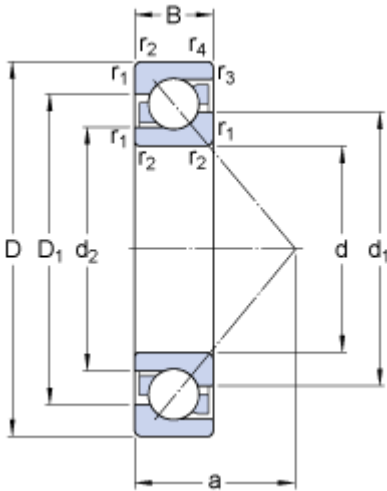


7203 BEGAP

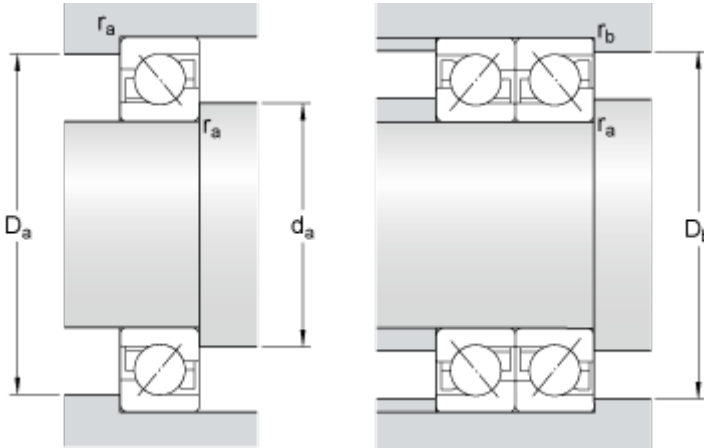
SKF Explorer

Dimensions



| | | |
|------------------|----------|----|
| d | 17 | mm |
| D | 40 | mm |
| B | 12 | mm |
| d ₁ | ≈ 26.25 | mm |
| d ₂ | ≈ 21.66 | mm |
| D ₁ | ≈ 31.15 | mm |
| a | 18 | mm |
| r _{1,2} | min. 0.6 | mm |
| r _{3,4} | min. 0.6 | mm |

Abutment dimensions



| | | |
|----------------|-----------|----|
| d _a | min. 21.2 | mm |
| D _a | max. 35.8 | mm |
| D _b | max. 35.8 | mm |
| r _a | max. 0.6 | mm |
| r _b | max. 0.6 | mm |

Calculation data

| | | | |
|---------------------------|----------------|----------|-------|
| Basic dynamic load rating | C | 11 | kN |
| Basic static load rating | C | 5.85 | kN |
| Fatigue load limit | P _u | 0.25 | kN |
| Reference speed | | 15000 | r/min |
| Limiting speed | | 22000 | r/min |
| Calculation factor | A | 0.000625 | |
| Calculation factor | k _r | 0.095 | |
| Calculation factor | e | 1.14 | |

Single bearing or bearing pair arranged in tandem

| | | |
|--------------------|----------------|------|
| Calculation factor | X | 0.35 |
| Calculation factor | Y | 0.26 |
| Calculation factor | Y ₂ | 0.57 |

Bearing pair arranged back-to-back or face-to-face

| | | |
|--------------------|---|------|
| Calculation factor | X | 0.57 |
| Calculation factor | Y | 0.52 |

| | | |
|--------------------|-------|------|
| Calculation factor | Y_1 | 0.55 |
| Calculation factor | Y_2 | 0.93 |

Mass

| | | | |
|--------------|--|-------|----|
| Mass bearing | | 0.065 | kg |
|--------------|--|-------|----|