

6009-2Z

SKF Explorer

Dimensions



| | | |
|------------------|--------|----|
| d | 45 | mm |
| D | 75 | mm |
| B | 16 | mm |
| d ₁ | 54.75 | mm |
| D ₂ | 67.8 | mm |
| r _{1,2} | min. 1 | mm |

Abutment dimensions



| | | |
|----------------|-----------|----|
| d _a | min. 50.8 | mm |
| d _a | max. 54.7 | mm |
| D _a | max. 69.2 | mm |
| r _a | max. 1 | mm |

Calculation data

| | | | |
|---------------------------|----------------|-------|-------|
| Basic dynamic load rating | C | 22.1 | kN |
| Basic static load rating | C ₀ | 14.6 | kN |
| Fatigue load limit | P _u | 0.64 | kN |
| Reference speed | | 20000 | r/min |
| Limiting speed | | 10000 | r/min |
| Calculation factor | k _r | 0.025 | |
| Calculation factor | f ₀ | 14.9 | |

Mass

| | | | |
|--------------|--|-------|----|
| Mass bearing | | 0.254 | kg |
|--------------|--|-------|----|

