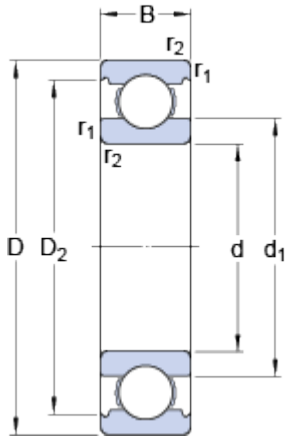


# 6016

SKF Explorer

## Dimensions



|                  |      |       |    |
|------------------|------|-------|----|
| d                |      | 80    | mm |
| D                |      | 125   | mm |
| B                |      | 22    | mm |
| d <sub>1</sub>   | ≈    | 94.4  | mm |
| D <sub>2</sub>   | ≈    | 114.1 | mm |
| r <sub>1,2</sub> | min. | 1.1   | mm |

## Abutment dimensions



|                |      |     |    |
|----------------|------|-----|----|
| d <sub>a</sub> | min. | 86  | mm |
| D <sub>a</sub> | max. | 119 | mm |
| r <sub>a</sub> | max. | 1   | mm |

## Calculation data

|                           |                |       |       |
|---------------------------|----------------|-------|-------|
| Basic dynamic load rating | C              | 49.4  | kN    |
| Basic static load rating  | C              | 40    | kN    |
| Fatigue load limit        | P <sub>u</sub> | 1.66  | kN    |
| Reference speed           |                | 11000 | r/min |
| Limiting speed            |                | 7000  | r/min |
| Calculation factor        | k <sub>r</sub> | 0.025 |       |
| Calculation factor        | f              | 15.6  |       |

## Mass

|              |  |      |    |
|--------------|--|------|----|
| Mass bearing |  | 0.86 | kg |
|--------------|--|------|----|