

# 22215 E

Popular item

SKF Explorer

Dimensions

|                  |      |         |
|------------------|------|---------|
| d                | 75   | mm      |
| D                | 130  | mm      |
| B                | 31   | mm      |
|                  | ≈    | 87.8 mm |
| D <sub>1</sub>   | ≈    | 115 mm  |
| b                | 6    | mm      |
| K                | 3    | mm      |
| r <sub>1,2</sub> | min. | 1.5 mm  |

Abutment dimensions

|                |      |        |
|----------------|------|--------|
| d <sub>a</sub> | min. | 84 mm  |
| D <sub>a</sub> | max. | 121 mm |
| r <sub>a</sub> | max. | 1.5 mm |

Calculation data

|                           |                |      |       |
|---------------------------|----------------|------|-------|
| Basic dynamic load rating | C              | 217  | kN    |
| Basic static load rating  | C <sub>0</sub> | 240  | kN    |
| Fatigue load limit        | P <sub>u</sub> | 26.5 | kN    |
| Reference speed           |                | 4800 | r/min |
| Limiting speed            |                | 6300 | r/min |
| Calculation factor        | e              | 0.22 |       |
| Calculation factor        | Y <sub>1</sub> | 3    |       |
| Calculation factor        | Y <sub>2</sub> | 4.6  |       |
| Calculation factor        | Y <sub>0</sub> | 2.8  |       |

Mass

|              |     |    |
|--------------|-----|----|
| Mass bearing | 1.7 | kg |
|--------------|-----|----|