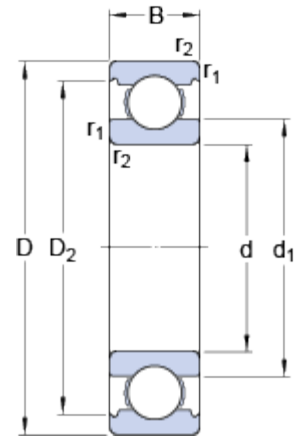




# 6024

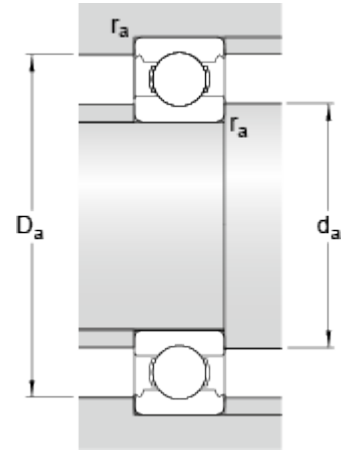
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## Dimensions



|                  |          |    |
|------------------|----------|----|
| d                | 120      | mm |
| D                | 180      | mm |
| B                | 28       | mm |
| d <sub>1</sub>   | ≈ 139.05 | mm |
| D <sub>2</sub>   | ≈ 165.3  | mm |
| r <sub>1,2</sub> | min. 2   | mm |

## Abutment dimensions



|                |      |     |    |
|----------------|------|-----|----|
| d <sub>a</sub> | min. | 129 | mm |
| D <sub>a</sub> | max. | 171 | mm |
| r <sub>a</sub> | max. | 2   | mm |

## Calculation data

|                           |                |       |       |
|---------------------------|----------------|-------|-------|
| Basic dynamic load rating | C              | 88.4  | kN    |
| Basic static load rating  | C <sub>0</sub> | 80    | kN    |
| Fatigue load limit        | P <sub>u</sub> | 2.75  | kN    |
| Reference speed           |                | 7500  | r/min |
| Limiting speed            |                | 4800  | r/min |
| Calculation factor        | k <sub>r</sub> | 0.025 |       |
| Calculation factor        | f <sub>0</sub> | 15.9  |       |

## Mass

|              |     |    |
|--------------|-----|----|
| Mass bearing | 2.1 | kg |
|--------------|-----|----|