

## Bearing Product Number Search Tool

### Deep Groove Ball Brgs. (Open type)

Product number: **6009**

[CAD data \(external link\)](#)

### Main specifications

| Boundary dimensions<br>(mm) |                  |           |                                | Basic load ratings<br>(kN) |                 | Fatigue load limit<br>(kN) | Limiting speed<br>(min <sup>-1</sup> ) |        | Mass<br>(kg)<br><approx.> |
|-----------------------------|------------------|-----------|--------------------------------|----------------------------|-----------------|----------------------------|----------------------------------------|--------|---------------------------|
| Bore dia. $d$               | Outside dia. $D$ | Width $B$ | Chamfer<br>$r_{s \text{ min}}$ | Dynamic $C_r$              | Static $C_{0r}$ | $C_u$                      | Grease                                 | Oil    |                           |
| 45                          | 75               | 16        | 1                              | 23.2                       | 15.1            | 1.16                       | 9 200                                  | 11 000 | 0.237                     |

| Abutment and fillet dimensions<br>(mm) |      |       |          |
|----------------------------------------|------|-------|----------|
| $d_a$                                  |      | $D_a$ | $r_{as}$ |
| min                                    | max  | max   | max      |
| 50                                     | 52.5 | 70    | 1        |

### Reference drawing

