

## Bearing Product Number Search Tool

### Deep Groove Ball Brgs. (With snap ring)

Product number: **6008NR**

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

### Main specifications

| Boundary dimensions (mm) |                  |           |                             | Basic load ratings (kN) |                 | Fatigue load limit (kN) | Limiting speed (min <sup>-1</sup> ) |        | Mass (kg)<br><approx.> |
|--------------------------|------------------|-----------|-----------------------------|-------------------------|-----------------|-------------------------|-------------------------------------|--------|------------------------|
| Bore dia. $d$            | Outside dia. $D$ | Width $B$ | Chamfer $r_{s \text{ min}}$ | Dynamic $C_r$           | Static $C_{0r}$ | $C_u$                   | Grease                              | Oil    |                        |
| 40                       | 68               | 15        | 1                           | 18.6                    | 11.5            | 0.890                   | 10 000                              | 12 000 | 0.19                   |

| Snap ring groove dimensions (mm) |            |            |              | Snap ring dimensions (mm) |            | Abutment and fillet dimensions (mm) |    |              |                    |              |              |                 |                  |
|----------------------------------|------------|------------|--------------|---------------------------|------------|-------------------------------------|----|--------------|--------------------|--------------|--------------|-----------------|------------------|
| $D_1$<br>max                     | $a$<br>max | $b$<br>min | $r_0$<br>max | $D_2$<br>max              | $f$<br>max | $d_a$                               |    | $D_a$<br>max | $D_x$<br><approx.> | $C_y$<br>max | $C_z$<br>min | $r_{as}$<br>max | $r_{Nas}$<br>max |
| 64.82                            | 2.49       | 1.9        | 0.6          | 74.6                      | 1.7        | 45                                  | 47 | 63           | 76                 | 3.8          | 1.7          | 1               | 0.5              |

### Reference drawing

