

Bearing Product Number Search Tool

Deep Groove Ball Brgs. (Open type)

Product number: **6003**

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

Main specifications

| Boundary dimensions (mm) | | | | Basic load ratings (kN) | | Fatigue load limit (kN) | Limiting speed (min ⁻¹) | | Mass (kg) <approx.> |
|--------------------------|-----------------------|----------------|----------------------------------|------------------------------|------------------------------|-------------------------|-------------------------------------|--------|------------------------|
| Bore dia. <i>d</i> | Outside dia. <i>D</i> | Width <i>B</i> | Chamfer <i>r_s min</i> | Dynamic <i>C_r</i> | Static <i>C_{0r}</i> | <i>C_u</i> | Grease | Oil | |
| 17 | 35 | 10 | 0.3 | 7.55 | 3.35 | 0.243 | 20 000 | 24 000 | 0.039 |

| Abutment and fillet dimensions (mm) | | | | |
|-------------------------------------|-----|-----------------------------|-----------------------|--|
| <i>d_a</i> | | <i>D_a</i> max | <i>r_{as}</i> | |
| min | max | | max | |
| 19 | 21 | 33 | 0.3 | |

Reference drawing

