

Bearing Product Number Search Tool

Angular Contact Ball Brgs. (Single)

Product number: 7308

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

Main specifications

| Boundary dimensions (mm) | | | | | Basic load ratings (kN) | | Fatigue load limit (kN) | Limiting speed (min ⁻¹) | | Load center (mm) | Mass (kg) <approx.> |
|--------------------------|------------------|-----------|-----------------------------|----------------------|-------------------------|-----------------|-------------------------|-------------------------------------|--------|------------------|------------------------|
| Bore dia. d | Outside dia. D | Width B | Chamfer $r_{s \text{ min}}$ | $r_{1s \text{ min}}$ | Dynamic C_r | Static C_{0r} | C_u | Grease | Oil | a | |
| 40 | 90 | 23 | 1.5 | 1 | 54.0 | 33.0 | 2.58 | 8 600 | 12 000 | 30.5 | 0.625 |

| Abutment and fillet dimensions (mm) | | |
|-------------------------------------|--------------|-----------------|
| d_a min | D_a max | r_{as} max |
| 48.5 | 81.5 | 1.5 |

Reference drawing

