

Bearing Product Number Search Tool

Deep Groove Ball Brgs. (With snap ring)

Product number: **6005NR**

[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. d | Outside dia. D | Width B | Chamfer $r_{s \text{ min}}$ | Dynamic C_r | Static C_{0r} | C_u | Grease | Oil | |
| 25 | 47 | 12 | 0.6 | 11.2 | 5.85 | 0.380 | 15 000 | 18 000 | 0.08 |

| Snap ring groove dimensions (mm) | | | | Snap ring dimensions (mm) | | Abutment and fillet dimensions (mm) | | | | | | | |
|----------------------------------|------|------|-------|---------------------------|------|-------------------------------------|------|-------|-----------|-------|-------|----------|-----------|
| D_1 | a | b | r_0 | D_2 | f | d_a | | D_a | D_x | C_y | C_z | r_{as} | r_{Nas} |
| max | max | min | max | max | max | min | max | max | <approx.> | max | min | max | max |
| 44.6 | 2.06 | 1.35 | 0.4 | 52.7 | 1.12 | 29 | 30.5 | 43 | 53.5 | 2.9 | 1.2 | 0.6 | 0.5 |

Reference drawing

