

## Bearing Product Number Search Tool

### Double Row Angular Contact Ball Brgs. (Open type)

Product number: **5207S**

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

### Main specifications

| Boundary dimensions<br>(mm) |                          |                   |                                      | Basic load ratings<br>(kN)       |                                  | Fatigue load<br>limit<br>(kN) | Limiting speed<br>(min <sup>-1</sup> ) |       | Load<br>center<br>(mm) | Mass<br>(kg)<br><approx.> |
|-----------------------------|--------------------------|-------------------|--------------------------------------|----------------------------------|----------------------------------|-------------------------------|----------------------------------------|-------|------------------------|---------------------------|
| Bore dia.<br><i>d</i>       | Outside dia.<br><i>D</i> | Width<br><i>B</i> | Chamfer<br><i>r</i> <sub>s</sub> min | Dynamic<br><i>C</i> <sub>r</sub> | Static<br><i>C</i> <sub>0r</sub> | <i>C</i> <sub>u</sub>         | Grease                                 | Oil   | <i>a</i>               |                           |
| 35                          | 72                       | 27                | 1.1                                  | 39.0                             | 28.7                             | 1.70                          | 6 300                                  | 8 000 | 36.6                   | 0.46                      |

| Abutment and fillet dimensions<br>(mm) |                              |                               |
|----------------------------------------|------------------------------|-------------------------------|
| <i>d</i> <sub>a</sub><br>min           | <i>D</i> <sub>a</sub><br>max | <i>r</i> <sub>as</sub><br>max |
| 42                                     | 65                           | 1                             |

### Reference drawing

