

## Bearing Product Number Search Tool

## Single Direction Thrust Ball Brgs.

Product number: **51103**[CAD data \(external link\)](#)

## Main specifications

| Boundary dimensions<br>(mm) |                  |            |                      | Basic load ratings<br>(kN) |                 | Fatigue load limit<br>(kN) | Limiting speed<br>(min <sup>-1</sup> ) |       | Mass<br>(kg)<br><approx.> |
|-----------------------------|------------------|------------|----------------------|----------------------------|-----------------|----------------------------|----------------------------------------|-------|---------------------------|
| Bore dia. $d$               | Outside dia. $D$ | Height $T$ | Chamfer<br>$r_s$ min | Dynamic $C_a$              | Static $C_{0a}$ | $C_u$                      | Grease                                 | Oil   |                           |
| 17                          | 30               | 9          | 0.3                  | 10.8                       | 18.2            | 0.820                      | 6 000                                  | 8 500 | 0.026                     |

| Dimensions<br>(mm) |              |     | Abutment and fillet dimensions<br>(mm) |              |                 |
|--------------------|--------------|-----|----------------------------------------|--------------|-----------------|
| $d_{1s}$ max       | $D_{1s}$ min | $t$ | $d_a$<br>min                           | $D_a$<br>max | $r_{as}$<br>max |
| 30                 | 18           | 2.5 | 25                                     | 22           | 0.3             |

## Reference drawing

