

# 13889/13836B Timken

## 38.1×65.088×11.908mm Basic

### dynamic load rating (C90)

### 6.52 Tapered roller bearings

|                               |                    |
|-------------------------------|--------------------|
| Bearing number                | 13889/13836B       |
| Size (mm)                     | 38.1×65.088×11.908 |
| Brand                         | Timken             |
| Bore Diameter (mm)            | 38.1               |
| Outer Diameter (mm)           | 65.088             |
| Width (mm)                    | 11.908             |
| d                             | 38.1 mm            |
| D                             | 65.088 mm          |
| T1                            | 5.944 mm           |
| B                             | 11.908 mm          |
| C                             | 9.525 mm           |
| R                             | 1.5 mm             |
| a –                           | 0.8 mm             |
| D1                            | 68.161 mm          |
| Da                            | 59 mm              |
| db                            | 45 mm              |
| C2                            | 2.769 mm           |
| da                            | 42.5 mm            |
| Weight                        | 0.17 Kg            |
| Basic static load rating (C0) | 33 kN              |
| Factor (G1)                   | 14.8               |
| Factor (G2)                   | 23.3               |

|                                  |         |
|----------------------------------|---------|
| Factor (K)                       | 1.69    |
| Basic dynamic load rating (C90)  | 6.52    |
| Basic dynamic load rating (Ca90) | 3.86    |
| Basic dynamic load rating (C1)   | 25.1 kN |
| Calculation factor (e)           | 0.35    |