

# 15101/15250X Timken Basic dynamic load rating (Ca90) 7.28 25.4×63.5×20.638mm Tapered roller bearings

|                               |                  |
|-------------------------------|------------------|
| Bearing number                | 15101/15250X     |
| Size (mm)                     | 25.4×63.5×20.638 |
| Brand                         | Timken           |
| Bore Diameter (mm)            | 25.4             |
| Outer Diameter (mm)           | 63.5             |
| Width (mm)                    | 20.638           |
| d                             | 25.4 mm          |
| D                             | 63.5 mm          |
| T                             | 20.638 mm        |
| B                             | 20.638 mm        |
| C                             | 15.875 mm        |
| R                             | 0.8 mm           |
| r                             | 1.5 mm           |
| a –                           | 5.8 mm           |
| Da                            | 59 mm            |
| db                            | 32.5 mm          |
| da                            | 31.5 mm          |
| Db                            | 55 mm            |
| Weight                        | 0.33 Kg          |
| Basic static load rating (C0) | 53.9 kN          |
| Factor (G1)                   | 14.6             |
| Factor (G2)                   | 10               |

|                                  |         |
|----------------------------------|---------|
| Factor (Cg)                      | 0.0141  |
| Factor (K)                       | 1.67    |
| Basic dynamic load rating (C90)  | 12.1    |
| Basic dynamic load rating (Ca90) | 7.28    |
| Basic dynamic load rating (C1)   | 46.8 kN |
| Calculation factor (e)           | 0.35    |