

# 02475/02420 Timken Basic dynamic load rating (C90) 15.3 31.75×68.262×22.225mm Tapered roller bearings

|                               |                     |
|-------------------------------|---------------------|
| Bearing number                | 02475/02420         |
| Size (mm)                     | 31.75×68.262×22.225 |
| Brand                         | Timken              |
| Bore Diameter (mm)            | 31.75               |
| Outer Diameter (mm)           | 68.262              |
| Width (mm)                    | 22.225              |
| d                             | 31.75 mm            |
| D                             | 68.262 mm           |
| T                             | 22.225 mm           |
| B                             | 22.225 mm           |
| C                             | 17.462 mm           |
| R                             | 3.6 mm              |
| r                             | 1.5 mm              |
| a –                           | 5.1 mm              |
| Da                            | 63 mm               |
| db                            | 44.5 mm             |
| da                            | 38.5 mm             |
| Db                            | 59 mm               |
| Aa                            | 1.2 mm              |
| Ab                            | 0.9 mm              |
| Weight                        | 0.37 Kg             |
| Basic static load rating (C0) | 70.2 kN             |

|                                  |         |
|----------------------------------|---------|
| Factor (G1)                      | 17.5    |
| Factor (G2)                      | 8.5     |
| Factor (Cg)                      | 0.0164  |
| Factor (K)                       | 1.4     |
| Basic dynamic load rating (C90)  | 15.3    |
| Basic dynamic load rating (Ca90) | 10.9    |
| Basic dynamic load rating (C1)   | 59.1 kN |
| Calculation factor (e)           | 0.42    |