

## Tapered roller bearing 02473-02420-TIMKEN - 02473-02420-TIMKEN

<https://www.123bearing.ca/bearing-housing/roller-bearing/tapered/02473-02420-timken>

| TAPERED ROLLER BEARINGS |           |                 |                                  |                              |                                    |                              |                 |                  |             |       |                |      |        |
|-------------------------|-----------|-----------------|----------------------------------|------------------------------|------------------------------------|------------------------------|-----------------|------------------|-------------|-------|----------------|------|--------|
| SINGLE-ROW • TYPE TS    |           |                 |                                  |                              |                                    |                              |                 |                  |             |       |                |      |        |
| TYPE TS                 |           |                 |                                  |                              |                                    |                              |                 |                  |             |       |                |      |        |
| Bearing Dimensions      |           |                 | Load Ratings                     |                              |                                    |                              |                 |                  | Part Number |       |                |      |        |
| Bore $d$                | O.D. $D$  | Width $T$       | Dynamic <sup>(1)</sup><br>$C_1$  | Factor <sup>(2)</sup><br>$e$ | Dynamic <sup>(1)</sup><br>$C_{10}$ | Factor <sup>(2)</sup><br>$K$ | Static<br>$C_2$ | Inner            | Outer       |       |                |      |        |
| mm                      | mm        | mm              | N                                |                              | N                                  |                              | N               |                  |             |       |                |      |        |
| in                      | in        | in              | kN                               |                              | kN                                 |                              | kN              |                  |             |       |                |      |        |
| 25.400                  | 68.262    | 22.225          | 4300                             | 1.44                         | 16500                              | 1.40                         | 7000            | 02473            | 02420       |       |                |      |        |
| 1.0000                  | 2.6875    | 0.8750          | 1430                             |                              | 3700                               | 2000                         | 1900            |                  |             |       |                |      |        |
| Bearing Dimensions      |           |                 |                                  |                              |                                    |                              |                 |                  |             |       |                |      |        |
| Shaft                   |           |                 | Housing                          |                              |                                    | Cage                         |                 | Geometry Factors |             |       | Bearing Weight |      |        |
| Width $B$               | Width $C$ | ER. Dr. $\mu m$ | Max Shaft Fillet Radius $R_{fs}$ | Backing Shoulder Dia. $d_s$  | Max Housing Fillet Radius $r_{fs}$ | Backing Shoulder Dia. $D_s$  | $A_{10}$        | $A_{11}$         | $G_1$       | $G_2$ | $C_3$          | kg   |        |
| mm                      | mm        | mm              | mm                               | mm                           | mm                                 | mm                           | mm              | mm               |             |       |                | g    |        |
| in                      | in        | in              | in                               | in                           | in                                 | in                           | in              | in               |             |       |                | oz   |        |
| 22.225                  | 17.462    | -5.1            | 0.8                              | 33.5                         | 34.5                               | 1.5                          | 63.0            | 59.0             | 1.1         | 0.9   | 17.5           | 0.5  | 0.9681 |
| 0.8750                  | 0.6875    | -0.20           | 0.03                             | 1.32                         | 1.36                               | 0.06                         | 2.48            | 2.32             | 0.04        | 0.04  |                | 0.43 | 0.94   |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952309545 |
| Inside diameter  | 25.4 mm       |
| Outside diameter | 68.26 mm      |
| Thickness        | 22.23 mm      |
| Weight           | 438 g         |
| Packaging        | 1             |

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