

# Tapered roller bearing M249746TD-M249710-TIMKEN - M249746TD-M249710-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/m249746td-m249710-timken>

**TAPERED ROLLER BEARINGS**  
DOUBLE-ROW • TYPE TDIT

**TYPE TDIT**

| Bearing Dimensions |       |         |         | Load Ratings              |                                      |                                     |                                     |                |                                      |                                      |                        |       |        |      |
|--------------------|-------|---------|---------|---------------------------|--------------------------------------|-------------------------------------|-------------------------------------|----------------|--------------------------------------|--------------------------------------|------------------------|-------|--------|------|
| Bore d             | Taper | O.D. D  | Width T | Double Inner Ring Width B | Dynami <sup>1)</sup> C <sub>10</sub> | Factor <sup>2)</sup> Y <sub>1</sub> | Factor <sup>2)</sup> Y <sub>2</sub> | C <sub>0</sub> | Dynami <sup>3)</sup> C <sub>90</sub> | Factor <sup>3)</sup> C <sub>00</sub> | Factor <sup>3)</sup> K |       |        |      |
| mm                 |       | mm      | mm      | mm                        | N                                    |                                     |                                     | N              | N                                    | N                                    |                        | kg    | lb     | in   |
| 252.412            | 1:12  | 358.775 | 130.175 | 130.700                   | 159000                               | 0.33                                | 2.00                                | 3.02           | 227000                               | 135000                               | 43000                  | 45.07 | 100.36 | 1.76 |
| 9.9375             |       | 14.1250 | 5.1250  | 5.1000                    | 36800                                |                                     |                                     |                | 53000                                | 30300                                | 9700                   |       |        |      |

| Part Number |         | Shaft                                  |  |                                       | Housing        |                |                | Geometry Factors |  |  | Bearing Weight |
|-------------|---------|--|--|---------------------------------------|----------------|----------------|----------------|------------------|--|--|----------------|
| Inner       | Outer   | Min Shaft Fillet Radius r <sub>s</sub> | Max Housing Fillet Radius r <sub>H</sub> | Backling Shoulder Dia. D <sub>s</sub> | G <sub>1</sub> | G <sub>2</sub> | C <sub>3</sub> |                  |  |  | kg             |
|             |         | mm                                     | mm                                       | mm                                    |                |                |                |                  |  |  | lb             |
| M249746TD   | M249710 | 1.5                                    | 2.5                                      | 206.8                                 | 1628.0         | 173.0          | 0.1508         |                  |  |  | 45.07          |
|             |         | 0.20                                   | 0.13                                     | 13.10                                 |                |                |                |                  |  |  | 100.36         |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952373379 |
| Inside diameter  | 252.412 mm    |
| Inside diameter  | 9 15/16" inch |
| Outside diameter | 358.775 mm    |
| Outside diameter | 14 1/8" inch  |
| Thickness        | 130.175 mm    |
| Thickness        | 5 1/8" inch   |
| Packaging        | 1             |

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