

# Tapered roller bearing EE243197-243250-TIMKEN - EE243197-243250-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/ee243197-243250-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 <sub>10</sub> | Factor <sup>(2)</sup><br>e | Dynamic <sup>(3)</sup><br>C <sub>90</sub> | Factor <sup>(4)</sup><br>K | Static<br>C <sub>0</sub> | Inner    | Outer       |  |
| mm                 | mm      | mm      | N   |                            | N   |                            | N                        |          |             |  |
| 498.323            | 634.873 | 80.963  | 147000                                    | 0.34                       | 17500                                     | 1.75                       | 260000                   | EE243197 | 243250      |  |
| 18.8190            | 24.9850 | 3.1875  | 330000                                    |                            | 85000                                     |                            | 623000                   |          |             |  |

  

| Bearing Dimensions |         |                          |  |                                      |  |                                      |                                     |                                |                                | Geometry Factors |                |                | Bearing Weight |       |
|--------------------|---------|--------------------------|--|--------------------------------------|--|--------------------------------------|-------------------------------------|--------------------------------|--------------------------------|------------------|----------------|----------------|----------------|-------|
| Width B            | Width C | ER. Cr. α <sup>(1)</sup> | Max Shaft Fillet Radius R <sub>1</sub> | Backing Shoulder Dia. d <sub>4</sub> | Max Housing Fillet Radius r <sup>(2)</sup> | Backing Shoulder Dia. D <sub>1</sub> | Cage A <sub>11</sub> <sup>(3)</sup> | A <sub>12</sub> <sup>(4)</sup> | A <sub>13</sub> <sup>(5)</sup> | G <sub>1</sub>   | G <sub>2</sub> | C <sub>1</sub> |                |       |
| mm                 | mm      | mm                       | mm                                     | mm                                   | mm   | mm                                   | mm                                  | mm                             | mm                             | mm               | mm             | mm             | kg             |       |
| 80.962             | 63.500  | 15.1                     | 6.4                                    | 522.0                                | 528.0                                      | 3.3                                  | 609.0                               | 603.0                          | 8.1                            | 2.5              | 697.3          | 726.0          | 0.2350         | 58.31 |
| 3.1875             | 2.5000  | 0.75                     | 0.25                                   | 20.95                                | 20.79                                      | 0.13                                 | 24.00                               | 23.74                          | 0.31                           | 0.10             |                |                | 128.95         |       |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952330747 |
| Inside diameter  | 498.323 mm    |
| Outside diameter | 634.873 mm    |
| Thickness        | 80.963 mm     |
| Packaging        | 1             |

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