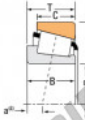
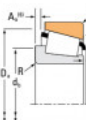


## Tapered roller bearing 644-632-TIMKEN - 644-632-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/644-632-timken>

| TAPERED ROLLER BEARINGS                                                           |            |               |                                                                                   |                                             |                                             |                                                                                    |                                             |                                             |                               |                               |                   |
|-----------------------------------------------------------------------------------|------------|---------------|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|-------------------------------|-------------------------------|-------------------|
| SINGLE ROW • TYPE TS                                                              |            |               |                                                                                   |                                             |                                             |                                                                                    |                                             |                                             |                               |                               |                   |
| TYPE TS                                                                           |            |               |                                                                                   |                                             |                                             |                                                                                    |                                             |                                             |                               |                               |                   |
|  |            |               |  |                                             |                                             |  |                                             |                                             |                               |                               |                   |
| Bearing Dimensions                                                                |            |               | Load Ratings                                                                      |                                             |                                             |                                                                                    |                                             |                                             | Part Number                   |                               |                   |
| Bore<br>d                                                                         | O.D.<br>D  | Width<br>B    | Dynamic <sup>(1)</sup><br>C <sub>1</sub>                                          | Factor <sup>(2)</sup><br>e                  | Dynamic <sup>(1)</sup><br>C <sub>2</sub>    | Factor <sup>(2)</sup><br>K                                                         | Static<br>C <sub>3</sub>                    | Inner                                       | Outer                         |                               |                   |
| mm                                                                                | mm         | mm            | N                                                                                 |                                             | N                                           |                                                                                    | N                                           |                                             |                               |                               |                   |
| 71.437                                                                            | 136.525    | 41.275        | 270000                                                                            | 0.30                                        | 186                                         |                                                                                    | 270000                                      | 644                                         | 632                           |                               |                   |
| 2.8125                                                                            | 5.3750     | 1.6250        | 62100                                                                             |                                             |                                             |                                                                                    | 67000                                       |                                             |                               |                               |                   |
| Bearing Dimensions                                                                |            |               |                                                                                   |                                             |                                             |                                                                                    |                                             |                                             |                               |                               |                   |
| Shaft                                                                             |            |               | Housing                                                                           |                                             |                                             | Cage                                                                               |                                             |                                             | Geometry Factors              |                               |                   |
| Width<br>B                                                                        | Width<br>C | ER. Co.<br>μm | Max Shaft<br>Fillet Radius<br>r <sub>1</sub>                                      | Backling<br>Shoulder Dia.<br>d <sub>1</sub> | Backling<br>Shoulder Dia.<br>d <sub>2</sub> | Max Housing<br>Fillet Radius<br>r <sub>2</sub>                                     | Backling<br>Shoulder Dia.<br>D <sub>1</sub> | Backling<br>Shoulder Dia.<br>D <sub>2</sub> | A <sub>1</sub> <sup>(3)</sup> | A <sub>2</sub> <sup>(3)</sup> | Bearing<br>Weight |
| mm                                                                                | mm         | mm            | mm                                                                                | mm                                          | mm                                          | mm                                                                                 | mm                                          | mm                                          | mm                            | mm                            | kg                |
| 41.275                                                                            | 35.750     | -11.2         | 3.5                                                                               | 81.8                                        | 87.8                                        | 3.3                                                                                | 125.8                                       | 118.8                                       | 4.1                           | 2.8                           | 2.36              |
| 1.6250                                                                            | 1.2500     | -0.44         | 0.14                                                                              | 3.19                                        | 3.43                                        | 0.13                                                                               | 4.92                                        | 4.69                                        | 0.16                          | 0.09                          | 5.85              |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952321066 |
| Inside diameter  | 71.437 mm     |
| Outside diameter | 136.525 mm    |
| Thickness        | 41.275 mm     |
| Packaging        | 1             |

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