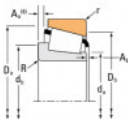


## Tapered roller bearing 98316-98788-TIMKEN - 98316-98788-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/98316-98788-timken>

| TAPERED ROLLER BEARINGS                                                           |                   |                   |                                               |                                                                                   |                                             |                                                |                                             |                                                                                    |             |                  |                |                |                   |
|-----------------------------------------------------------------------------------|-------------------|-------------------|-----------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------|-------------|------------------|----------------|----------------|-------------------|
| SINGLE ROW • TYPE TS                                                              |                   |                   |                                               |                                                                                   |                                             |                                                |                                             |                                                                                    |             |                  |                |                |                   |
| <b>TYPE TS</b>                                                                    |                   |                   |                                               |                                                                                   |                                             |                                                |                                             |                                                                                    |             |                  |                |                |                   |
|  |                   |                   |                                               |  |                                             |                                                |                                             |  |             |                  |                |                |                   |
| 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>10</sub>      | Factor <sup>(2)</sup><br>e <sub>10</sub>    | Static<br>C <sub>2</sub>                                                           |             | Inner            | Outer          |                |                   |
| mm                                                                                | mm                | mm                |                                               | N                                                                                 |                                             | N                                              |                                             | N                                                                                  |             |                  |                |                |                   |
| 80 000<br>3.1496                                                                  | 200 000<br>7.8740 | 108.268<br>4.2612 |                                               | 402000<br>136000                                                                  | 0.52                                        | 120000<br>28100                                | 0.52                                        | 910000<br>117000                                                                   |             | 98216            | 98788          |                |                   |
| Bearing Dimensions                                                                |                   |                   |                                               |                                                                                   |                                             |                                                |                                             |                                                                                    |             |                  |                |                |                   |
| Width<br>B                                                                        | Width<br>C        | ER. Co.<br>μm     | Max Shaft<br>Fillet Radius<br>R <sub>fs</sub> | Backling<br>Shoulder Dia.<br>d <sub>s</sub>                                       | Backling<br>Shoulder Dia.<br>d <sub>s</sub> | Max Housing<br>Fillet Radius<br>r <sub>h</sub> | Backling<br>Shoulder Dia.<br>D <sub>s</sub> | Cage                                                                               |             | Geometry Factors |                |                | Bearing<br>Weight |
| mm                                                                                | mm                | mm                | mm                                            | mm                                                                                | mm                                          | mm                                             | mm                                          | mm                                                                                 | mm          | G <sub>1</sub>   | G <sub>2</sub> | C <sub>3</sub> | kg                |
| 108.268<br>4.2612                                                                 | 146.025<br>5.7451 | 1.3<br>0.05       | 3.5<br>0.14                                   | 105.0<br>4.13                                                                     | 111.0<br>4.37                               | 3.3<br>0.13                                    | 188.0<br>7.40                               | 176.0<br>6.93                                                                      | 8.6<br>0.34 | 0.54<br>0.22     | 203.4<br>37.5  | 0.1187         | 2.94<br>17.52     |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952322131 |
| Inside diameter  | 80 mm         |
| Outside diameter | 200 mm        |
| Thickness        | 108.268 mm    |
| Packaging        | 1             |

[contact@123bearing.com](mailto:contact@123bearing.com)

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