

# Tapered roller bearing 36690-36620-B-TIMKEN - 36690-36620-B-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/36690-36620-b-timken>

**TAPERED ROLLER BEARINGS**  
**TYPE TSF**

| 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> | Factors <sup>(2)</sup><br>e | Y    | Dynamic <sup>(1)</sup><br>C <sub>0</sub> | Factors <sup>(2)</sup><br>K | Static<br>C <sub>0</sub> | Inner       | Outer |         |
| mm                 | mm        | mm         |  | N  |                             |      | N  |                             | N                        |             |       |         |
| 146.050            | 193.675   | 28.575     |  | 100000                                   | 0.37                        | 1.10 | 20000                                    | 27100                       | 1.50                     | 204000      | 36690 | 36620-B |
| 5.750              | 7.6250    | 0.2750     |  | 44200                                    |                             |      | 11400                                    | 7220                        |                          | 88000       |       |         |

  

| Bearing Dimensions |            |                               |                                    |                                   |  |  | Shaft                                      |  | Housing        |                | Geometry Factors |                |                | Bearing Weight |
|--------------------|------------|-------------------------------|------------------------------------|-----------------------------------|--|--|--|--|----------------|----------------|------------------|----------------|----------------|----------------|
| Width<br>B         | Width<br>C | Eff. Ctr.<br>a <sup>(3)</sup> | Outer Ring<br>Range D <sub>1</sub> | Flange<br>Width<br>C <sub>1</sub> | Max Shaft<br>File Radius<br>R <sup>(4)</sup> | Sealing<br>Shoulder Dia.<br>d <sub>2</sub> | Sealing<br>Shoulder Dia.<br>d <sub>3</sub> | Sealing<br>Shoulder Dia.<br>D <sub>1</sub> | D <sub>2</sub> | D <sub>3</sub> | C <sub>1</sub>   | C <sub>2</sub> | C <sub>3</sub> |                |
| mm                 | mm         | mm                            | mm                                 | mm                                | mm   | mm   | mm   | mm   | mm             | mm             |                  |                |                |                |
| 28.575             | 23.025     | 4.8                           | 107.940                            | 2.910                             | 1.5  | 102.0                                      | 105.0                                      | 105.0                                      | 206.1          | 152.5          | 0.1768           |                |                | 2.36           |
| 1.1250             | 0.9063     | 0.19                          | 7.7772                             | 0.1583                            | 0.08   | 0.02                                       | 6.10                                       | 7.48                                       |                |                |                  |                |                | 5.07           |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952340159 |
| Inside diameter  | 146.05 mm     |
| Outside diameter | 193.675 mm    |
| Thickness        | 28.575 mm     |
| Packaging        | 1             |

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