

## Tapered roller bearing 38884-38820-TIMKEN - 38884-38820-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/38884-38820-timken>

**TAPERED ROLLER BEARINGS**  
SINGLE-ROW • TYPE TS

**TYPE TS**

| Bearing Dimensions |         |         | Load Ratings                          |                         |                                       |                                      |                       |       | Part Number |       |       |
|--------------------|---------|---------|---------------------------------------|-------------------------|---------------------------------------|--------------------------------------|-----------------------|-------|-------------|-------|-------|
| Bore d             | O.D. D  | Width B | Dynamic <sup>(1)</sup> C <sub>1</sub> | Factor <sup>(2)</sup> e | Dynamic <sup>(1)</sup> C <sub>2</sub> | Factor <sup>(2)</sup> e <sub>2</sub> | Static C <sub>0</sub> | Inner | Outer       |       |       |
| mm                 | mm      | mm      | N                                     |                         | N                                     |                                      | N                     |       |             |       |       |
| 266.560            | 325.438 | 29.500  | 214000                                | 0.37                    | 1.04                                  | 55000                                | 24700                 | 1.60  | S27000      | 38884 | 38820 |
| 10.4945            | 12.8125 | 1.1814  | 48100                                 |                         | 12500                                 | 7010                                 |                       |       | 118000      |       |       |

  

| Bearing Dimensions |         |                          |  |                                      |  |                                      |                               |                               |                | Geometry Factors |                |                               | Bearing Weight |       |
|--------------------|---------|--------------------------|--|--------------------------------------|--|--------------------------------------|-------------------------------|-------------------------------|----------------|------------------|----------------|-------------------------------|----------------|-------|
| Shaft              |         | Housing                  |  | Cage                                 |  |                                      |                               |                               | G <sub>1</sub> | G <sub>2</sub>   | C <sub>3</sub> |                               |                |       |
| Width B            | Width C | ER. Dr. r <sup>(1)</sup> | Max Shaft Fillet Radius R <sup>(1)</sup> | Backing Shoulder Dia. d <sub>1</sub> | Max Housing Fillet Radius r <sup>(2)</sup> | Backing Shoulder Dia. D <sub>1</sub> | A <sub>1</sub> <sup>(3)</sup> | A <sub>2</sub> <sup>(3)</sup> |                |                  |                | A <sub>3</sub> <sup>(3)</sup> | kg             |       |
| 33.419             | 25.400  | 18.6                     | 1.5                                      | 275.0                                | 277.0                                      | 1.5                                  | 315.0                         | 312.0                         | 0.5            | -0.8             | 0.052          | 0.052                         | 0.1008         | 5.37  |
| 1.3177             | 1.0000  | 0.77                     | 0.06                                     | 10.83                                | 10.91                                      | 0.06                                 | 12.40                         | 12.28                         | 0.02           | -0.03            |                |                               |                | 11.82 |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952328706 |
| Inside diameter  | 266.56 mm     |
| Outside diameter | 325.438 mm    |
| Thickness        | 29.5 mm       |
| Packaging        | 1             |

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