

# Tapered roller bearing EE275100-275158-B-TIMKEN - EE275100-275158-B-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/ee275100-275158-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>10</sub> | Factors <sup>(2)</sup><br>e | Dynamic <sup>(1)</sup><br>C <sub>90</sub> | Factors <sup>(2)</sup><br>K | Static<br>C <sub>0</sub> | Inner | Outer |          |          |             |  |
| mm                 | mm        | mm         | N   |                             | N   |                             | N                        |       |       |          |          |             |  |
| 254.000            | 403.225   | 69.850     | 1010000                                   | 0.14                        | 202000                                    | 181000                      | 1460000                  |       |       | EE275100 | 275158-B |             |  |
| 10.000             | 15.875    | 1.500      | 220000                                    |                             | 50000                                     | 43000                       | 330000                   |       |       |          |          |             |  |

  

| 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>2</sub> | Max Shaft<br>Fillet Radius<br>R <sup>(4)</sup> | Seaking<br>Shoulder Dia.<br>d <sub>1</sub> | Seaking<br>Shoulder Dia.<br>d <sub>2</sub> | Seaking<br>Shoulder Dia.<br>D <sub>1</sub> | Seaking<br>Shoulder Dia.<br>D <sub>2</sub> | G <sub>1</sub> | G <sub>2</sub>   | C <sub>3</sub> | kg    |                |
| mm                 | mm         | mm                            | mm                                 | mm                                | mm   | mm   | mm   | mm   | mm   |                |                  |                | mm    |                |
| 69.850             | 46.500     | 2.5                           | 417.400                            | 14.280                            | 6.4  | 277.0                                      | 287.0                                      | 365.0                                      | 1451.0                                     | 201.0          | 0.1565           |                | 21.88 |                |
| 2.700              | 1.8125     | 0.10                          | 18.4334                            | 0.5625                            | 0.25   | 10.81                                      | 11.30                                      | 15.31                                      |  |                |                  |                | 70.28 |                |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952340531 |
| Inside diameter  | 254 mm        |
| Outside diameter | 403.225 mm    |
| Thickness        | 69.85 mm      |
| Packaging        | 1             |

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