


# Tapered roller bearing H238140-H238110-TIMKEN - H238140-H238110-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/h238140-h238110-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>0e</sub> | Factor <sup>(2)</sup> K | Static C <sub>0</sub> | Inner   | Outer       |  |
| mm                 | mm      | mm      | N                                     |                         | N                                      |                         | N                     |         |             |  |
| 165.100            | 311.150 | 82.550  | 190000                                | 3.33                    | 279000                                 | 1.77                    | 190000                | H238140 | H238110     |  |
| 6.5000             | 12.2500 | 3.2500  | 230000                                |                         | 310000                                 |                         | 230000                |         |             |  |

| Bearing Dimensions |         |                          |   |                                      |   |                                      |                               |                               |                | Geometry Factors |                |     | Bearing Weight |       |
|--------------------|---------|--------------------------|---|--------------------------------------|---|--------------------------------------|-------------------------------|-------------------------------|----------------|------------------|----------------|-----|----------------|-------|
| Shaft              |         |                          |   |                                      | Housing   |                                      |                               |                               |                | Cage             |                |     |                |       |
| Width B            | Width C | ER. Dr. α <sup>(1)</sup> | Max Shaft Fillet Radius R <sub>f1</sub> | Backing Shoulder Dia. d <sub>s</sub> | Max Housing Fillet Radius r <sub>1</sub> <sup>(2)</sup> | Backing Shoulder Dia. D <sub>s</sub> | A <sub>1</sub> <sup>(3)</sup> | A <sub>2</sub> <sup>(3)</sup> | G <sub>1</sub> | G <sub>2</sub>   | C <sub>1</sub> |     |                |       |
| mm                 | mm      | mm                       | mm                                      | mm                                   | mm  | mm                                   | mm                            | mm                            |                |                  |                | kg  |                |       |
| 82.550             | 65.000  | -18.5                    | 6.4                                     | 198.0                                | 198.6   | 6.4                                  | 289.0                         | 280.0                         | 8.2            | 2.2              | 0.136          | 0.2 | 0.1265         | 27.34 |
| 3.2500             | 2.5625  | -0.75                    | 0.25                                    | 7.60                                 | 7.85  | 0.25                                 | 11.38                         | 11.02                         | 0.32           | 0.09             |                |     |                | 80.28 |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952326283 |
| Inside diameter  | 165.1 mm      |
| Outside diameter | 311.15 mm     |
| Thickness        | 82.55 mm      |
| Weight           | 27340 g       |
| Packaging        | 1             |

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