


# Tapered roller bearing HM252348-HM252315-TIMKEN - HM252348-HM252315-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm252348-hm252315-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>(3)</sup> C <sub>2</sub> | Factor <sup>(4)</sup> K | Static C <sub>0</sub> | Inner    | Outer       |  |
| mm                 | mm      | mm      | N                                     |                         | N                                     |                         | N                     |          |             |  |
| 260.350            | 431.724 | 82.550  | 150000                                | 3.33                    | 30000                                 | 1.78                    | 260000                | HM252348 | HM252315    |  |
| 13.200             | 16.9670 | 3.2160  | 337000                                |                         | 61400                                 |                         | 40000                 |          |             |  |

| 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> | Backing Shoulder Dia. D <sub>s</sub> | A <sub>1</sub> <sup>(2)</sup> | A <sub>2</sub> <sup>(2)</sup> | A <sub>3</sub> <sup>(2)</sup> | G <sub>1</sub>   | G <sub>2</sub> | C <sub>3</sub> |                |       |
| mm                 | mm      | mm                       | mm                                      | mm                                   | mm                                       | mm                                   | mm                            | mm                            | mm                            |                  |                |                | kg             |       |
| 79.771             | 66.325  | -5.4                     | 6.8                                     | 295.9                                | 252.6                                    | 3.5                                  | 399.3                         | 397.8                         | 12.9                          | 4.8              | 1504.3         | 147.8          | 0.1482         | 42.22 |
| 3.1408             | 2.3370  | -0.37                    | 0.27                                    | 11.22                                | 11.56                                    | 0.14                                 | 15.68                         | 15.63                         | 0.51                          | 0.19             |                |                |                | 83.07 |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952328638 |
| Inside diameter  | 260.35 mm     |
| Outside diameter | 431.724 mm    |
| Thickness        | 82.55 mm      |
| Packaging        | 1             |

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