


# Tapered roller bearing HM259048-HM259010-TIMKEN - HM259048-HM259010-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm259048-hm259010-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>3</sub> | Inner | Outer       |          |          |
| mm                 | mm      | mm      | N                                     |                         | N                                     |                                      | N                     |       |             |          |          |
| 317.500            | 447.675 | 85.725  | 189000                                | 3.3                     | 1.78                                  | 438000                               | 291000                | 1.14  | 279000      | HM259048 | HM259010 |
| 12.500             | 17.6250 | 3.3750  | 38000                                 |                         |                                       | 86500                                | 56500                 |       | 528000      |          |          |

| Bearing Dimensions |         |                          |  |                                      |  |                                      |                |                               |                               | Geometry Factors |                |                | Bearing Weight |       |
|--------------------|---------|--------------------------|--|--------------------------------------|--|--------------------------------------|----------------|-------------------------------|-------------------------------|------------------|----------------|----------------|----------------|-------|
| Shaft              |         |                          |  |                                      | Housing                                    |                                      |                |                               |                               | Cage             |                |                |                |       |
| Width B            | Width C | ER. Dr. α <sup>(1)</sup> | Max Shaft Fillet Radius R <sup>(1)</sup> | Backing Shoulder Dia. d <sub>1</sub> | Max Housing Fillet Radius r <sup>(1)</sup> | Backing Shoulder Dia. D <sub>1</sub> | D <sub>2</sub> | A <sub>1</sub> <sup>(1)</sup> | A <sub>2</sub> <sup>(1)</sup> | G <sub>1</sub>   | G <sub>2</sub> | C <sub>1</sub> |                |       |
| mm                 | mm      | mm                       | mm                                       | mm                                   | mm   | mm                                   | mm             | mm                            | mm                            |                  |                |                | kg             |       |
| 85.725             | 88.282  | -4.8                     | 3.5                                      | 337.0                                | 341.6                                      | 3.3                                  | 427.7          | 418.0                         | 6.4                           | 3.8              | 2711.5         | 281.9          | 0.1808         | 40.57 |
| 3.3750             | 2.8875  | -0.19                    | 0.14                                     | 13.27                                | 13.43                                      | 0.13                                 | 16.84          | 16.46                         | 0.25                          | 0.15             |                |                |                | 85.44 |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952329451 |
| Inside diameter  | 317.5 mm      |
| Outside diameter | 447.675 mm    |
| Thickness        | 85.725 mm     |
| Packaging        | 1             |

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