

# Tapered roller bearing HM252343-HM252310CD-TIMKEN - HM252343-HM252310CD-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm252343-hm252310cd-timken>

**TAPERED ROLLER BEARINGS**  
DOUBLE-ROW • TYPE TDO

**TYPE TDO**

| Bearing Dimensions |         |         |                           | Load Ratings           |        |                       |                |                        |                 |                       |        |      |
|--------------------|---------|---------|---------------------------|------------------------|--------|-----------------------|----------------|------------------------|-----------------|-----------------------|--------|------|
| Bore d             | O.D. D  | Width T | Double Outer Ring Width C | Dynamic <sup>(1)</sup> |        | Static <sup>(2)</sup> |                | Dynamic <sup>(3)</sup> |                 | Factor <sup>(4)</sup> |        |      |
| mm                 | mm      | mm      | mm                        | C <sub>10</sub>        | C      | C <sub>0</sub>        | C <sub>0</sub> | C <sub>90</sub>        | C <sub>50</sub> | C <sub>100</sub>      | K      |      |
| 254.000            | 422.275 | 178.992 | 178.992                   | 2610000                | 187000 | 0.33                  | 2.03           | 3.02                   | 389000          | 221000                | 670000 | 1.26 |
| 10.0000            | 16.6250 | 7.0312  | 5.5000                    |                        |        |                       |                |                        | 87400           | 48700                 | 152000 |      |

  

| Part Number |            | Shaft                                   |                                      |   |                                      | Housing        |                |                |                | Pin            |                | Geometry Factors |       |        | Bearing Weight |
|-------------|------------|---|--------------------------------------|---|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|-------|--------|----------------|
| Inner       | Outer      | Max. Shaft Fillet Radius R <sub>1</sub> | Backing Shoulder Dia. d <sub>1</sub> | Max. Housing Fillet Radius r <sub>1</sub> | Backing Shoulder Dia. D <sub>1</sub> | K <sub>1</sub> | K <sub>2</sub> | G <sub>1</sub> | G <sub>2</sub> | C <sub>1</sub> | C <sub>2</sub> |                  |       |        |                |
| HM252343    | HM252310CD | 6.8                                     | 287.8                                | 1.5                                       | 486.8                                | 28.38          | 11.81          | 1504.3         | 143.8          | 0.1482         |                |                  | 86.16 | 183.93 |                |
|             |            | 0.27                                    | 11.30                                | 0.06                                      | 15.73                                | 1.13           | 0.47           |                |                |                |                |                  |       |        |                |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952362168 |
| Inside diameter  | 254 mm        |
| Outside diameter | 422.275 mm    |
| Thickness        | 178.592 mm    |
| Packaging        | 1             |

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