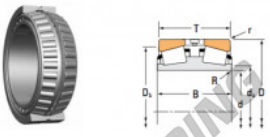


# Tapered roller bearing EE425176D-425299-TIMKEN - EE425176D-425299-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/ee425176d-425299-timken>

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

**TYPE TDI**



| Bearing Dimensions |         |         |                           | Load Ratings                          |                                     |                                     |                                     |                                       |                                       |  |                        |      |
|--------------------|---------|---------|---------------------------|---------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|--|------------------------|------|
| Bore d             | O.D. D  | Width T | Double Inner Ring Width B | Dynamic <sup>1)</sup> C <sub>10</sub> | Static <sup>2)</sup> C <sub>0</sub> | Factor <sup>3)</sup> Y <sub>1</sub> | Factor <sup>3)</sup> Y <sub>2</sub> | Dynamic <sup>4)</sup> C <sub>90</sub> | Dynamic <sup>4)</sup> C <sub>50</sub> | Dynamic <sup>4)</sup> C <sub>100</sub> | Factor <sup>5)</sup> K |      |
| mm                 | in.     | mm      | mm                        | N                                     | kN                                  |                                     |                                     | N                                     | N                                     | N                                      |                        |      |
| 456.794            | 17.9840 | 254.000 | 254.000                   | 810000                                | 1300000                             | 0.4                                 | 1.5                                 | 2.3                                   | 100000                                | 490000                                 | 1600000                | 1.32 |
| 17.9840            | 0.7079  | 10.0000 | 10.0000                   | 230000                                | 360000                              |                                     |                                     | 287000                                | 156000                                | 380000                                 |                        |      |

| Part Number |        | Dimensions                             |                                      |  |                                      | Geometry Factors |                |                | Bearing Weight    |
|-------------|--------|--|--------------------------------------|--|--------------------------------------|------------------|----------------|----------------|-------------------|
| Inner       | Outer  | Max Shaft Fillet Radius r <sub>H</sub> | Backing Shoulder Dia. d <sub>s</sub> | Max Housing Fillet Radius r <sub>H</sub> | Backing Shoulder Dia. D <sub>s</sub> | G <sub>1</sub>   | G <sub>2</sub> | C <sub>3</sub> |                   |
| mm          | mm     | mm                                     | mm                                   | mm                                       | mm                                   |                  |                |                | kg                |
| EE425176D   | 425299 | 3.3<br>0.13                            | 98.8<br>3.89                         | 6.4<br>0.25                              | 98.8<br>3.89                         | 0.21             | 0.21           | 0.21           | 480.85<br>1022.16 |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952371283 |
| Inside diameter  | 456.794 mm    |
| Outside diameter | 761.873 mm    |
| Thickness        | 254 mm        |
| Packaging        | 1             |

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