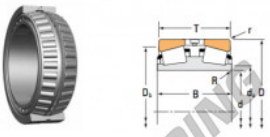


# Tapered roller bearing EE649241D-649310-TIMKEN - EE649241D-649310-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/ee649241d-649310-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> |        | Factors <sup>(2)</sup> |                | Dynamic <sup>(3)</sup> |                  | Factors <sup>(4)</sup> |        | Bearing Weight |      |
| mm                 | mm      | mm      | mm                        | C <sub>102</sub>       | N      | Y <sub>1</sub>         | Y <sub>2</sub> | C <sub>90</sub>        | C <sub>100</sub> | C <sub>500</sub>       | K      |                |      |
| 609.600            | 787.400 | 171.450 | 171.450                   | 405000                 | 132000 | 0.4                    | 1.8            | 2.7                    | 67500            | 102000                 | 430000 | 1180000        | 1.58 |
| 24.000             | 31.000  | 6.700   | 6.700                     |                        |        |                        |                |                        |                  |                        |        |                |      |

| 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> |                |
| EE649241D   | 649310 | mm                                     | mm                                   | mm                                       | mm                                   |                  |                |                | kg             |
|             |        | 0.3                                    | 026.8                                | 6.4                                      | 247.8                                | 0264.8           | 026.0          | 0.2750         | 217.36         |
|             |        | 0.13                                   | 25.54                                | 0.25                                     | 25.61                                |                  |                |                | 476.00         |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952372129 |
| Inside diameter  | 609.6 mm      |
| Outside diameter | 787.4 mm      |
| Thickness        | 171.45 mm     |
| Packaging        | 1             |

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