

## Tapered roller bearing 47490-47420D-TIMKEN - 47490-47420D-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/47490-47420d-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> C <sub>10</sub> | Static <sup>(1)</sup> C <sub>0</sub> | Dynamic <sup>(2)</sup> Y <sub>1</sub> | Dynamic <sup>(2)</sup> Y <sub>2</sub> | Dynamic <sup>(3)</sup> C <sub>90</sub> | Dynamic <sup>(3)</sup> C <sub>50</sub> | Dynamic <sup>(3)</sup> C <sub>25</sub> | Factor <sup>(4)</sup> K |
| mm                 | mm      | mm      | mm                        | N                                      | N                                    | N                                     | N                                     | N                                      | N                                      | N                                      |                         |
| 71.437             | 120.000 | 71.438  | 98.730                    | 31100                                  | 10000                                | 0.30                                  | 1.87                                  | 2.78                                   | 46300                                  | 29800                                  | 90700                   |
| 2.8125             | 4.7244  | 2.8125  | 2.3125                    |  |                                      |                                       |                                       |  | 10400                                  | 6400                                   | 18100                   |

  

| Part Number |        | Dimensions                              |                                      |   |                                      | 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> |                |
| mm          | mm     | mm                                      | mm                                   | mm  | mm                                   | mm             | mm             | mm               | mm             | mm             | kg             |
| 47490       | 47420D | 3.5                                     | 98.0                                 | 0.8                                       | 196.0                                | -              | -              | 98.4             | 26.3           | 0.1150         | 3.81           |
|             |        | 0.14                                    | 3.30                                 | 0.03                                      | 4.48                                 | -              | -              |                  |                |                | 8.85           |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952357768 |
| Inside diameter  | 71.437 mm     |
| Outside diameter | 120 mm        |
| Thickness        | 71.438 mm     |
| Packaging        | 1             |

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