


# Tapered roller bearing EE470078X-470130-TIMKEN - EE470078X-470130-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/ee470078x-470130-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                                    | N                     |       |             |           |        |
| 177.800            | 330.200 | 90.488  | 102000                                | 0.37                    | 154                                   | 26400                                | 16500                 | 1.62  | 159000      | EE470078X | 470130 |
| 7.0200             | 13.0800 | 3.5625  | 22600                                 |                         | 37                                    | 6200                                 | 3700                  |       | 35400       |           |        |

| Bearing Dimensions |         |                          |   |                                      |  |                                      |                               |                               |                               | Geometry Factors |                |                | Bearing Weight |       |
|--------------------|---------|--------------------------|---|--------------------------------------|--|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------|----------------|----------------|----------------|-------|
| Shaft              |         |                          |   |                                      | Housing                                  |                                      |                               |                               |                               | Cage             |                |                |                |       |
| Width B            | Width C | ER. Dr. α <sup>(1)</sup> | Max Shaft Fillet Radius R <sub>f1</sub> | Backing Shoulder Dia. d <sub>s</sub> | Max Housing Fillet Radius r <sub>1</sub> | Backing Shoulder Dia. D <sub>s</sub> | A <sub>1</sub> <sup>(1)</sup> | A <sub>2</sub> <sup>(1)</sup> | A <sub>3</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             |       |
| 92.075             | 63.500  | -21.8                    | 0.7                                     | 201.0                                | 217.0                                    | 0.4                                  | 306.5                         | 295.0                         | *                             | *                | 014.1          | 104.7          | 0.1304         | 31.48 |
| 3.6250             | 2.5000  | -0.86                    | 0.38                                    | 7.91                                 | 8.54                                     | 0.25                                 | 12.07                         | 11.81                         | *                             | *                |                |                |                | 09.42 |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952326597 |
| Inside diameter  | 177.8 mm      |
| Outside diameter | 330.2 mm      |
| Thickness        | 90.488 mm     |
| Packaging        | 1             |

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