


## Tapered roller bearing J28577-28520-TIMKEN - J28577-28520-TIMKEN

https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/j28577-28520-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> C <sub>2e</sub> | Static C <sub>3</sub> | Inner  | Outer       |  |
| mm                 | mm     | mm      | N                                     |                         | N                                     | N                                     | N                     |        |             |  |
| 45.000             | 89.980 | 24.750  | 117000                                | 0.30                    | 30000                                 | 19000                                 | 130000                | J28577 | 28520       |  |
| 1.7717             | 3.5425 | 0.9744  | 26400                                 |                         | 6830                                  | 4416                                  | 29200                 |        |             |  |

| Bearing Dimensions |        |                          |  |                                      |  |                                      |                               |                               |                | Geometry Factors |                |      | Bearing Weight |      |
|--------------------|--------|--------------------------|--|--------------------------------------|--|--------------------------------------|-------------------------------|-------------------------------|----------------|------------------|----------------|------|----------------|------|
| Width              |        | Shaft                    |  | Housing                              |  | Cage                                 |                               |                               |                |                  |                |      |                |      |
| B                  | C      | ER. Dr. r <sup>(1)</sup> | Max Shaft Fillet Radius R <sup>(1)</sup> | Backing Shoulder Dia. d <sub>s</sub> | Max Housing Fillet Radius r <sup>(1)</sup> | Backing Shoulder Dia. D <sub>s</sub> | A <sub>1</sub> <sup>(1)</sup> | A <sub>2</sub> <sup>(1)</sup> | G <sub>1</sub> | G <sub>2</sub>   | C <sub>3</sub> |      |                |      |
| mm                 | mm     | mm                       | mm                                       | mm                                   | mm   | mm                                   | mm                            | mm                            |                |                  |                | kg   |                |      |
| 24.480             | 19.987 | -4.8                     | 0.8                                      | 57.6                                 | 55.8                                       | 2.3                                  | 86.0                          | 81.8                          | 1.4            | 1.1              | 46.4           | 18.9 | 0.9912         | 0.75 |
| 1.0000             | 0.7869 | -0.19                    | 0.03                                     | 2.24                                 | 2.17                                       | 0.09                                 | 3.39                          | 2.19                          | 0.05           | 0.05             |                |      | 1.84           |      |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952314693 |
| Inside diameter  | 45 mm         |
| Outside diameter | 89.98 mm      |
| Thickness        | 24.75 mm      |
| Packaging        | 1             |

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