

Tapered roller bearing 78250-78551-TIMKEN - 78250-78551-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/78250-78551-timken>

| TAPERED ROLLER BEARINGS | | | | | | | | | | | | | | |
|-------------------------|-----------|-----------------|----------------------------------|-----------------------------|------------------------------------|-----------------------------|--------------|----------|------------------|-------|-------|----------------|--------|------|
| SINGLE-ROW • TYPE TS | | | | | | | | | | | | | | |
| TYPE TS | | | | | | | | | | | | | | |
| Bearing Dimensions | | | Load Ratings | | | | | | Part Number | | | | | |
| Bore d | O.D. D | Width T | Dynamic ⁽¹⁾ C_1 | Factor ⁽²⁾ e | Dynamic ⁽¹⁾ C_{10} | Factor ⁽²⁾ K | Static C_2 | Inner | Outer | | | | | |
| mm | mm | mm | N | | N | | N | | | | | | | |
| in | in | in | kN | | kN | | kN | | | | | | | |
| 63.500 | 140.030 | 36.512 | 20200 | 0.017 | 52000 | 77900 | 0.67 | 100000 | 78250 | 78551 | | | | |
| 2.500 | 5.5130 | 1.4375 | 45600 | | 11800 | 17500 | | 43400 | | | | | | |
| Bearing Dimensions | | | | | | | | | | | | | | |
| Shaft | | | Housing | | | | Cage | | Geometry Factors | | | Bearing Weight | | |
| Width B | Width C | ER. Dr. μm | Max Shaft Fillet Radius R_{f1} | Backing Shoulder Dia. d_s | Max Housing Fillet Radius r_{f2} | Backing Shoulder Dia. D_s | A_{10} | A_{11} | G_1 | G_2 | C_3 | | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | kg | | |
| in | in | in | in | in | in | in | in | in | | | | lb | | |
| 33.236 | 25.520 | 7.8 | 2.3 | 78.8 | 85.8 | 2.3 | 132.8 | 117.8 | 6.9 | 4.2 | 62.6 | 19.1 | 0.9884 | 2.42 |
| 1.3085 | 0.9200 | 0.31 | 0.09 | 3.10 | 3.35 | 0.09 | 5.20 | 4.61 | 0.27 | 0.17 | | | | 5.34 |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952282640 |
| Inside diameter | 63.5 mm |
| Outside diameter | 140.03 mm |
| Thickness | 36.51 mm |
| Packaging | 1 |

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