


## Tapered roller bearing 560-553SA-TIMKEN - 560-553SA-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/560-553sa-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                     |       |             |  |
| 66.675             | 129.944 | 38.100  | 22000                                 | 0.30                    | 13200                                 | 0.37                                 | 24000                 | 500   | 553 SA      |  |
| 2.6250             | 5.1150  | 1.5000  | 50000                                 |                         | 29000                                 |                                      | 55100                 |       |             |  |

| Bearing Dimensions |         |                          |   |                                      |  |                                      |                               |                               |                               | Geometry Factors              |                               |                | Bearing Weight                |                |
|--------------------|---------|--------------------------|---|--------------------------------------|--|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------------|-------------------------------|----------------|
| Shaft              |         |                          |   |                                      | Housing                                  |                                      |                               |                               |                               | Cage                          |                               | G <sub>1</sub> |                               | G <sub>2</sub> |
| 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>(2)</sup> | A <sub>2</sub> <sup>(2)</sup> | A <sub>3</sub> <sup>(2)</sup> | A <sub>4</sub> <sup>(2)</sup> | A <sub>5</sub> <sup>(2)</sup> |                | A <sub>6</sub> <sup>(2)</sup> |                |
| mm                 | mm      | mm                       | mm                                      | mm                                   | mm                                       | mm                                   | mm                            | mm                            | mm                            | mm                            | mm                            | mm             | mm                            | mm             |
| 38.678             | 38.102  | -0.4                     | 3.5                                     | 77.0                                 | 84.0                                     | 3.3                                  | 116.0                         | 111.0                         | 2.3                           | 1.3                           | 91.0                          | 21.1           | 0.1100                        | 2.58           |
| 1.4440             | 1.1875  | -0.37                    | 0.14                                    | 3.03                                 | 3.31                                     | 0.13                                 | 4.57                          | 4.37                          | 0.09                          | 0.05                          |                               |                |                               | 4.79           |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952320106 |
| Inside diameter  | 66.675 mm     |
| Outside diameter | 129.944 mm    |
| Thickness        | 38.1 mm       |
| Packaging        | 1             |

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