

## Tapered roller bearing 687-674-TIMKEN - 687-674-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/687-674-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                     |       |             |  |
| 107.650            | 171.450 | 41.275  | 20500                                 | 1.28                    | 68000                                 | 95300                                | 30000                 | 687   | 674         |  |
| 4.0200             | 6.7500  | 1.6295  | 18900                                 |                         | 15400                                 | 12900                                | 88190                 |       |             |  |

  

| 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>(2)</sup> | A <sub>2</sub> <sup>(2)</sup> | A <sub>3</sub> <sup>(2)</sup> | G <sub>1</sub>   | G <sub>2</sub> | C <sub>1</sub> |                |      |
| mm                 | mm      | mm                       | mm                                      | mm                                   | mm                                       | mm                                   | mm                            | mm                            | mm                            |                  |                |                | kg             |      |
| 41.275             | 36.902  | -2.8                     | 3.5                                     | 112.0                                | 118.0                                    | 3.3                                  | 160.0                         | 150.0                         | 4.9                           | 2.1              | 162.5          | 37.3           | 0.1058         | 3.54 |
| 1.6250             | 1.4525  | -0.11                    | 0.14                                    | 4.41                                 | 4.65                                     | 0.13                                 | 6.30                          | 5.91                          | 0.19                          | 0.08             |                |                | 7.81           |      |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952324197 |
| Inside diameter  | 101.6 mm      |
| Outside diameter | 171.45 mm     |
| Thickness        | 41.275 mm     |
| Packaging        | 1             |

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