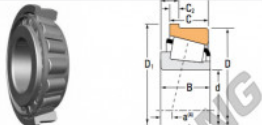


## Tapered roller bearing 42362-42587-B-TIMKEN - 42362-42587-B-TIMKEN

https://www.123bearing.com/bearing-housing/roller-bearing/tapered/42362-42587-b-timken

**TAPERED ROLLER BEARINGS**

**TYPE TSF**



| Bearing Dimensions |          |             | Load Ratings                    |                               |      |                                    |                               |                 | Part Number |       |         |
|--------------------|----------|-------------|---------------------------------|-------------------------------|------|------------------------------------|-------------------------------|-----------------|-------------|-------|---------|
| Bore $\phi$        | O.D. $D$ | Width $T_1$ | Dynamic <sup>(1)</sup><br>$C_1$ | Factors <sup>(2)</sup><br>$e$ | $Y$  | Dynamic <sup>(1)</sup><br>$C_{10}$ | Factors <sup>(2)</sup><br>$K$ | Static<br>$C_0$ | Inner       | Outer |         |
| mm                 | mm       | mm          | N                               |                               |      | N                                  | N                             | N               |             |       |         |
| 92.075             | 149.225  | 28.971      | 102000                          | 0.14                          | 1.22 | 42200                              | 3500                          | 1.10            | 24100       | 42362 | 42587-B |
| 3.6250             | 5.8750   | 0.5000      | 36000                           |                               |      | 9400                               | 8000                          |                 | 94000       |       |         |

| Bearing Dimensions |           |                     |                             |                    |                                   |                               | Shaft                         |                               |       | Housing |        | Geometry Factors |  |      | Bearing Weight |
|--------------------|-----------|---------------------|-----------------------------|--------------------|-----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------|---------|--------|------------------|--|------|----------------|
| Width $B$          | Width $C$ | Eff. Ctr. $a^{(3)}$ | Outer Ring Range D.L. $D_1$ | Flange Width $C_1$ | Max Shaft Fillet Radius $R^{(4)}$ | Back Ring Shoulder Dia. $d_1$ | Back Ring Shoulder Dia. $d_2$ | Back Ring Shoulder Dia. $D_1$ | $G_1$ | $G_2$   | $C_2$  |                  |  | kg   |                |
| mm                 | mm        | mm                  | mm                          | mm                 | mm                                | mm                            | mm                            | mm                            |       |         |        |                  |  | lbs. |                |
| 28.971             | 24.068    | 3.0                 | 104.481                     | 0.308              | 3.3                               | 101.0                         | 107.0                         | 102.0                         | 126.7 | 37.2    | 0.1385 |                  |  | 3.66 |                |
| 1.1408             | 0.9488    | 0.12                | 4.1088                      | 0.2188             | 0.14                              | 3.98                          | 4.21                          | 5.98                          |       |         |        |                  |  | 4.48 |                |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952339429 |
| Inside diameter  | 92.075 mm     |
| Outside diameter | 149.225 mm    |
| Thickness        | 28.971 mm     |
| Packaging        | 1             |

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