

**Tapered roller bearing**  
**05075-05185-B-TIMKEN - 05075-05185-B-TIMKEN**  
<https://www.123bearing.ca/bearing-housing/roller-bearing/tapered/05075-05185-b-timken>

**TAPERED ROLLER BEARINGS**  
**TYPE TSF**

| Bearing Dimensions |          |             |  | Load Ratings                 |                            |                              |                            |              |       | Part Number |  |
|--------------------|----------|-------------|--|------------------------------|----------------------------|------------------------------|----------------------------|--------------|-------|-------------|--|
| Bore $d$           | O.D. $D$ | Width $T_1$ |  | Dynamic <sup>(1)</sup> $C_1$ | Factors <sup>(2)</sup> $e$ | Dynamic <sup>(1)</sup> $C_2$ | Factors <sup>(2)</sup> $K$ | Static $C_0$ | Inner | Outer       |  |
| mm                 | mm       | mm          |  | N                            |                            | N                            | N                          | N            |       |             |  |
| 19.05              | 47.000   | 6.038       |  | 26700                        | 0.25                       | 6800                         | 4200                       | 25600        | 05075 | 05185-B     |  |
| 0.750              | 1.854    | 0.2373      |  | 9010                         |                            | 1980                         | 952                        | 5720         |       |             |  |

  

| Bearing Dimensions |           |                     |                              | Shaft              |                                   |                             | Housing                     |                             | Geometry Factors |       |        | Bearing Weight |
|--------------------|-----------|---------------------|------------------------------|--------------------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|------------------|-------|--------|----------------|
| Width $B$          | Width $C$ | Eff. Ctr. $a^{(3)}$ | Outer Ring Flange O.D. $D_1$ | Flange Width $C_1$ | Max Shaft Fillet Radius $R^{(4)}$ | Sealing Shoulder Dia. $d_1$ | Sealing Shoulder Dia. $d_2$ | Sealing Shoulder Dia. $D_1$ | $G_1$            | $G_2$ | $C_3$  | kg             |
| mm                 | mm        | mm                  | mm                           | mm                 | mm                                | mm                          | mm                          | mm                          |                  |       |        | lbs            |
| 19.05              | 11.112    | -4.1                | 38.861                       | 2.269              | 1.3                               | 25.5                        | 25.0                        | 46.5                        | 5.8              | 5.5   | 0.0448 | 0.19           |
| 0.750              | 0.4375    | -0.16               | 1.5284                       | 0.089              | 0.05                              | 0.93                        | 0.98                        | 1.75                        |                  |       |        | 0.29           |

**PRODUCT FEATURES**

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952335148 |
| Inside diameter  | 19.05 mm      |
| Outside diameter | 47 mm         |
| Thickness        | 6.038 mm      |
| Packaging        | 1             |

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