

## Tapered roller bearing 565-563-B-TIMKEN - 565-563-B-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/565-563-b-timken>

# TAPERED ROLLER BEARINGS

## TYPE TSF

| Bearing Dimensions |         |         | Load Ratings                          |                         |      |                                       |                                      |      |                       |  | Part Number |       |
|--------------------|---------|---------|---------------------------------------|-------------------------|------|---------------------------------------|--------------------------------------|------|-----------------------|--|-------------|-------|
| Bore #             | O.D. D  | Width B | Dynamic <sup>(1)</sup> C <sub>1</sub> | Factor <sup>(2)</sup> e | Y    | Dynamic <sup>(1)</sup> C <sub>2</sub> | Factor <sup>(2)</sup> e <sub>2</sub> | K    | Static C <sub>3</sub> |  | Inner       | Outer |
| mm                 | mm      | mm      | N                                     |                         |      | N                                     |                                      |      | N                     |  |             |       |
| 63 530             | 127 000 | 14 200  | 190000                                | 0.34                    | 0.30 | 30000                                 | 31700                                | 1.81 | 263000                |  | 565         | 563-B |
| 25000              | 5.0800  | 0.5628  | 44100                                 |                         |      | 11400                                 | 7130                                 |      | 30000                 |  |             |       |

| Bearing Dimensions |         |                            |                                      |                             |                                          |                                        |                                        | Geometry Factors |                |                | Bearing Weight |
|--------------------|---------|----------------------------|--------------------------------------|-----------------------------|------------------------------------------|----------------------------------------|----------------------------------------|------------------|----------------|----------------|----------------|
| Width B            | Width C | Eff. Ctr. e <sup>(3)</sup> | Outer Ring Range O.D. D <sub>1</sub> | Flange Width C <sub>1</sub> | Max Shaft Fillet Radius R <sup>(4)</sup> | Back Ring Shoulder Dia. d <sub>1</sub> | Back Ring Shoulder Dia. d <sub>2</sub> | G <sub>1</sub>   | G <sub>2</sub> | C <sub>4</sub> | kg             |
| mm                 | mm      | mm                         | mm                                   | mm                          | mm                                       | mm                                     | mm                                     |                  |                |                | lbs.           |
| 36 119             | 36 575  | -4.1                       | 133 240                              | 6 200                       | 3.5                                      | 70.6                                   | 80.8                                   | 121.8            | 101.3          | 24.0           | 0.1167         |
| 1 4240             | 1 1200  | -0.32                      | 5 2480                               | 0 2500                      | 0.14                                     | 2.87                                   | 3.15                                   | 4.79             |                |                | 4.78           |

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952338361 |
| Inside diameter  | 63.5 mm       |
| Outside diameter | 127 mm        |
| Thickness        | 36.17 mm      |
| Packaging        | 1             |

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