


Tapered roller bearing 745-742-B-TIMKEN - 745-742-B-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/745-742-b-timken>

TAPERED ROLLER BEARINGS
TYPE TSF



| Bearing Dimensions | | | | Load Ratings | | | | | | Part Number | |
|--------------------|----------|-------------|--|---------------------------------|-------------------------------|------|---------------------------------|-------------------------------|-----------------|-------------|-------|
| Bore ϕ | O.D. D | Width T_1 | | Dynamic ⁽¹⁾ C_1 | Factors ⁽²⁾ e | Y | Dynamic ⁽¹⁾ C_0 | Factors ⁽²⁾ K | Static C_2 | Inner | Outer |
| mm | mm | mm | | N | | | N | N | N | | |
| 59.931 | 150.089 | 46.672 | | 31000 | 0.15 | 1.54 | 82400 | 4000 | 47300 | 745 | 742-B |
| 2.3595 | 5.9090 | 1.8335 | | 71400 | | | 18000 | 1000 | 9300 | | |

| 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_3 | | | | kg |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | | | | lbs |
| 46.672 | 36.512 | -11.9 | 157.812 | 7.888 | 3.3 | 76.6 | 81.8 | 142.8 | 156.6 | 76.3 | 0.2888 | 4.46 | | | 9.88 |
| 1.8375 | 1.4375 | -0.47 | 6.2172 | 0.3125 | 0.14 | 2.99 | 3.19 | 5.63 | | | | | | | |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952338095 |
| Inside diameter | 59.931 mm |
| Outside diameter | 150.089 mm |
| Thickness | 46.672 mm |
| Packaging | 1 |

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