

Tapered roller bearing

02877-02823D-TIMKEN - 02877-02823D-TIMKEN

<https://www.123bearing.ca/bearing-housing/roller-bearing/tapered/02877-02823d-timken>

TAPERED ROLLER BEARINGS
DOUBLE-ROW • TYPE TDO

TYPE TDO

| Bearing Dimensions | | | | Load Ratings | | | | | | | |
|--------------------|--------|---------|---------------------------|------------------------|------|-----------------------|-------|------------------------|------|-----------------------|------|
| Bore d | O.D. D | Width T | Double Outer Ring Width C | Dynamic ⁽¹⁾ | | Static ⁽²⁾ | | Dynamic ⁽³⁾ | | Factor ⁽⁴⁾ | |
| mm | mm | mm | mm | C ₁₀ | N | C ₀ | N | C ₁₀ | N | C ₀ | K |
| in | in | in | in | lb | kg | in | mm | lb | kg | in | mm |
| 34.925 | 76.200 | 47.625 | 38.100 | 114000 | 51.4 | 148 | 2.21 | 12000 | 5440 | 29700 | 1.29 |
| 1.3750 | 3.0000 | 1.8750 | 1.5000 | 25700 | 23.2 | 3.70 | 0.087 | 2900 | 1290 | 6670 | 0.32 |

| Part Number | | Dimensions | | | | | | Pin | | Geometry Factors | | | Bearing Weight |
|-------------|--------|---|--------------------------------------|---|--------------------------------------|----------------|----------------|----------------|----------------|------------------|------|------|----------------|
| Inner | Outer | Max. Shaft Fillet Radius R ₁ | Backing Shoulder Dia. d ₁ | Max. Housing Fillet Radius r ₁ | Backing Shoulder Dia. D ₁ | K ₁ | K ₂ | G ₁ | G ₂ | C ₁ | | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg | |
| 02877 | 02823D | 3.5 | 48.5 | 0.8 | 70.8 | - | - | 22.8 | 10.1 | 0.0140 | 1.81 | 2.21 | |
| | | 0.14 | 1.91 | 0.03 | 2.78 | | | | | | | | |

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | TIMKEN |
| N° Ean13 | 3663952355054 |
| Inside diameter | 34.925 mm |
| Outside diameter | 76.2 mm |
| Thickness | 47.625 mm |
| Packaging | 1 |

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