

**Tapered roller bearing**  
**02877-02823D-TIMKEN - 02877-02823D-TIMKEN**  
<https://www.123bearing.eu/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 <sup>(1)</sup> C <sub>10</sub>	Static <sup>(1)</sup> C <sub>0</sub>	Dynamic <sup>(2)</sup> Y <sub>1</sub>	Dynamic <sup>(2)</sup> Y <sub>2</sub>	Dynamic <sup>(3)</sup> C <sub>90</sub>	Dynamic <sup>(3)</sup> C <sub>50</sub>	Dynamic <sup>(3)</sup> C <sub>25</sub>	Factor <sup>(4)</sup> K
mm	mm	mm	mm	N	N	N	N	N	N	N	
34.925	76.200	47.625	38.100	114000	144000	0.45	1.48	2.21	12000	13200	20700
1.3750	3.0000	1.8750	1.5000	37700	37700				3830	2980	6670

  

Part Number		Dimensions						Fit		Geometry Factors			Bearing Weight
Inner	Outer	Max. Shaft Fillet Radius R <sub>1</sub>	Backing Shoulder Dia. d <sub>1</sub>	Max. Housing Fillet Radius r <sub>1</sub>	Backing Shoulder Dia. D <sub>1</sub>	K <sub>1</sub>	K <sub>2</sub>	G <sub>1</sub>	G <sub>2</sub>	C <sub>1</sub>			
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg		
02877	02823D	3.5	48.5	0.8	70.8	-	-	23.8	10.1	0.0140	1.81		
		0.14	1.91	0.05	2.78						2.21		

**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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