


## Tapered roller bearing 02877-02831-TIMKEN - 02877-02831-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/02877-02831-timken>

**TAPERED ROLLER BEARINGS**  
SINGLE-ROW • TYPE TS

**TYPE TS**



Bearing Dimensions			Load Ratings					Part Number	
Bore d	O.D. D	Width B	Dynamic <sup>(1)</sup> C <sub>1</sub>	Factor <sup>(2)</sup> e	Dynamic <sup>(1)</sup> C <sub>2</sub>	Factor <sup>(2)</sup> K	Static C <sub>3</sub>	Inner	Outer
mm	mm	mm	N		N		N		
34.93	80.96	22.23	45700	1.22	17000	1.22	70000	62077	62031
1.375	3.1875	0.8750	14500		2830		19800		

Bearing Dimensions										Geometry Factors				
Width B	Width C	ER. Dr. e <sup>(1)</sup>	Shaft		Housing		Cage		G <sub>1</sub>	G <sub>2</sub>	C <sub>3</sub>	Bearing Weight kg		
			Max Shaft Fillet Radius R <sub>1</sub>	Backing Shoulder Dia. d <sub>s</sub>	Max Housing Fillet Radius r <sub>1</sub>	Backing Shoulder Dia. D <sub>1</sub>	A <sub>1</sub> <sup>(1)</sup>	A <sub>2</sub> <sup>(1)</sup>						
mm	mm	mm	mm	mm	mm	mm	mm	mm				kg		
22.23	17.40	-3.8	3.5	42.0	48.5	0.8	72.0	67.0	1.4	1.8	20.6	10.1	0.0140	6.85
0.8750	0.6875	-0.15	0.14	1.65	1.91	0.03	2.83	2.64	0.05	0.04				1.22

### PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952310473
Inside diameter	34.93 mm
Inside diameter	1 3/8" inch
Outside diameter	80.96 mm
Outside diameter	3 3/16" inch
Thickness	22.23 mm
Thickness	7/8" inch
Packaging	1

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