


# Tapered roller bearing M270744-M270710-TIMKEN - M270744-M270710-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/m270744-m270710-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> e <sub>2</sub>	Static C <sub>3</sub>	Inner	Outer		
mm	mm	mm	N		N		N				
444.500	635.000	120.650	320000	0.33	1.00	90000	49000	1.76	643000	M270744	M270710
17.500	25.000	4.750	73000		19100	10000	140000				

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft		Housing		Cage					G <sub>1</sub>	G <sub>2</sub>	C <sub>3</sub>			
Width B	Width C	ER. Dr. α <sup>(1)</sup>	Max Shaft Fillet Radius R <sub>1</sub> <sup>(2)</sup>	Backing Shoulder Dia. d <sub>1</sub> <sup>(3)</sup>	Max Housing Fillet Radius r <sup>(4)</sup>	Backing Shoulder Dia. D <sub>1</sub> <sup>(5)</sup>	A <sub>1</sub> <sup>(6)</sup>	A <sub>2</sub> <sup>(7)</sup>				mm	mm	mm
120.650	95.250	-0.1	0.4	472.0	481.6	0.4	605.8	591.0	0.8	0.8	680.0	481.0	0.2408	123.33
4.750	3.750	-0.32	0.25	18.58	18.94	0.25	22.82	23.27	0.38	0.28				271.85

## PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952330501
Inside diameter	444.5 mm
Outside diameter	635 mm
Thickness	120.65 mm
Packaging	1

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