


# Tapered roller bearing HM903247-HM903216-TIMKEN - HM903247-HM903216-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/hm903247-hm903216-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>(3)</sup> C <sub>2</sub>	Factor <sup>(4)</sup> C <sub>2e</sub>	Static C <sub>0</sub>	Inner	Outer	
mm	mm	mm	N		N	N	N			
44.450	98.425	30.958	136000	0.24	35000	40000	132000	HM903247	HM903216	
1.7500	3.8750	1.2188	26700		7900	10100	26700			

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage		G <sub>1</sub>		G <sub>2</sub>
Width B	Width C	ER. Dr. α <sup>(1)</sup>	Max Shaft Fillet Radius R <sup>(2)</sup>	Backing Shoulder Dia. d <sub>s</sub>	Max Housing Fillet Radius r <sup>(3)</sup>	Backing Shoulder Dia. D <sub>s</sub>	A <sub>1</sub> <sup>(4)</sup>	A <sub>2</sub> <sup>(5)</sup>	A <sub>3</sub> <sup>(6)</sup>	A <sub>4</sub> <sup>(7)</sup>	A <sub>5</sub> <sup>(8)</sup>		A <sub>6</sub> <sup>(9)</sup>	
30.958	22.225	0.5	1.3	54.8	0.8	92.0	0.2	3.9	2.3	33.7	12.4	0.1010	5.88	
1.1142	0.8750	0.02	0.05	2.13	0.03	3.62	0.23	0.15	0.09				2.38	

## PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952314211
Inside diameter	44.45 mm
Outside diameter	98.425 mm
Thickness	30.958 mm
Packaging	1

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