


Tapered roller bearing LM545847-LM545810-TIMKEN - LM545847-LM545810-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/lm545847-lm545810-timken>

TAPERED ROLLER BEARINGS
SINGLE-ROW • TYPE TS

TYPE TS



Bearing Dimensions			Load Ratings						Part Number	
Bore d	O.D. D	Width B	Dynamic ⁽¹⁾ C ₁	Factor ⁽²⁾ e	Dynamic ⁽¹⁾ C ₂	Factor ⁽²⁾ K	Static C ₀	Inner	Outer	
mm	mm	mm	N		N		N			
235.077	314.325	49.212	813000	1.51	109000	1.47	910000	LM545847	LM545810	
9.250	12.3750	1.9375	138000		30700		213000			

Bearing Dimensions										Geometry Factors			Bearing Weights	
Shaft		Housing		Cage					G ₁	G ₂	C ₃			
Width B	Width C	ER. Dr. r ⁽¹⁾	Max Shaft Fillet Radius R ⁽¹⁾	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ⁽²⁾	Backing Shoulder Dia. D _s	A ₁ ⁽³⁾	A ₂ ⁽³⁾						
53.675	95.912	8.4	3.5	247.0	252.8	3.3	306.0	296.0	4.2	8.8	0.00	0.00	0.00	19.16
2.1200	1.4375	0.33	0.14	9.72	9.92	0.13	12.09	11.85	0.16	0.00				22.37

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952327907
Inside diameter	235.077 mm
Inside diameter	9.255" inch
Outside diameter	314.325 mm
Outside diameter	12 3/8" inch
Thickness	49.212 mm
Thickness	1 15/16" inch
Packaging	1

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