

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

<https://www.123bearing.ca/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⁾ e ₂	Static C ₃	Inner	Outer	
mm	mm	mm	N		N		N			
235.077	314.325	49.212	813000	1.51	109000	198000	1.47	910000	LM545847	LM545810
9.2590	12.3750	1.9375	138000		30700	24300		213000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R _{f1}	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ₁	Backing Shoulder Dia. D _s	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	A ₁ ⁽²⁾	A ₂ ⁽²⁾	G ₁	G ₂	C ₁	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
53.675	95.912	8.4	3.5	247.0	252.8	3.3	306.8	296.0	4.2	8.8	0.98	175.8	0.1338	18.16
2.1290	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
Outside diameter	314.325 mm
Thickness	49.212 mm
Packaging	1

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