


Tapered roller bearing LM545849E-LM545810-TIMKEN - LM545849E-LM545810-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/lm545849e-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			
234.950	314.325	49.212	92000	1.51	145000	2000	22300	LM545849E	LM545810	
8.2500	12.3750	1.9375	120000		20000	22300	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 ₃ ⁽¹⁾	G ₁	G ₂	C ₃	kg	
53.575	36.912	8.4	3.5	247.0	252.0	3.3	306.0	296.0	4.2	0.8	0.582	170.0	0.1328	10.18
2.1250	1.4375	0.33	0.14	9.72	9.92	0.13	12.05	11.95	0.16	0.00				22.42

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952327815
Inside diameter	234.95 mm
Outside diameter	314.325 mm
Thickness	49.212 mm
Packaging	1

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