


Tapered roller bearing LM545849-LM545812-TIMKEN - LM545849-LM545812-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/lm545849-lm545812-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 ₀	Inner	Outer	
mm	mm	mm	N		N		N			
234.950	317.500	49.212	51900	1.51	15000	9100	1.47	194000	LM545849	LM545812
9.250	12.500	1.9375	11700		3020	2060		22000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft		Housing		Cage					G ₁	G ₂	C ₃			
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ₁	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius r ⁽²⁾	Backing Shoulder Dia. D ₁	A ₁ ⁽³⁾	A ₂ ⁽³⁾						
49.212	36.912	8.4	3.5	246.0	252.0	3.3	306.0	297.0	4.4	2.9	957.1	183.2	0.1967	10.27
1.9375	1.4375	0.33	0.14	9.69	9.92	0.13	12.05	11.69	0.17	0.12				22.63

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952327822
Inside diameter	234.95 mm
Outside diameter	317.5 mm
Thickness	49.212 mm
Packaging	1

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