


Tapered roller bearing LM814849-LM814814-TIMKEN - LM814849-LM814814-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/lm814849-lm814814-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				
77.78	120.65	27.78	119000	0.51	118	3000	2670	1.15	18300	LM814849	LM814814
0.0025	4.750	1.028	2850		300	680	596		4120		

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 ⁽²⁾	Backing Shoulder Dia. D _s	A ₁ ⁽³⁾	A ₂ ⁽³⁾	A ₃ ⁽³⁾	G ₁	G ₂	C ₃	kg
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				mm
25.40	25.195	2.3	3.5	85.8	3.3	115.8	107.8	2.4	1.5	86.5	36.6	0.1228	1.11
1.0000	1.0013	0.09	0.14	3.35	0.13	4.56	4.21	0.09	0.06				2.45

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952321868
Inside diameter	77.788 mm
Outside diameter	120.65 mm
Thickness	27.783 mm
Packaging	1

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