

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

<https://www.123bearing.co.uk/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	N				
77.788	120.650	27.783	119000	0.51	118	30000	26700	1.15	183000	LM814849	LM814814
1.0000	4.7500	1.0938	28500		6870	5906	43200				

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 _s	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D _s	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾				A ₁ ⁽²⁾	A ₂ ⁽²⁾	kg
25.400	25.195	2.3	3.5	85.8	91.8	3.3	115.8	107.8	2.4	1.5	86.5	36.6	0.1238	1.11
1.0000	1.0013	0.09	0.14	3.35	3.58	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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