

Tapered roller bearing 838-832-TIMKEN - 838-832-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/838-832-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			
80.962	168.275	53.975	40900	0.33	10000	56300	1.55	52000	838 832	
3.1875	6.6250	2.1250	63000		23000	122000		113000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					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	Cage A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	A ₃ ⁽¹⁾				G ₁	G ₂
56.363	41.275	-18.5	0.8	53.0	34.9	3.3	155.0	140.0	5.2	1.6	157.9	34.0	0.0057	5.9
2.2190	1.6250	-0.73	0.03	3.06	3.73	0.13	6.10	5.67	0.20	0.07				12.18

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952322216
Inside diameter	80.962 mm
Outside diameter	168.275 mm
Thickness	53.975 mm
Packaging	1

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