


Tapered roller bearing 80487-80418-TIMKEN - 80487-80418-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/80487-80418-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			
517.050	596.900	53.975	695000	0.30	1700000	198000	1.67	80487	80418	
18.700	23.500	2.125	108000		40000	24000				

Bearing Dimensions										Geometry Factors			Bearing Weights	
Shaft					Housing					Cage	G ₁	G ₂		C ₃
Width B	Width C	ER. Dr. e ⁽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⁾	
53.975	41.275	36.6	3.3	516.0	516.0	3.3	579.0	579.0	6.2	3.8	4148.9	1071.4	0.2058	29.98
1.8125	1.6250	1.44	0.13	20.31	20.43	0.13	22.80	22.80	0.24	0.12				11.78

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952330778
Inside diameter	501.65 mm
Inside diameter	19 3/4" inch
Outside diameter	596.9 mm
Outside diameter	23 1/2" inch
Thickness	53.975 mm
Thickness	2 1/8" inch
Packaging	1

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