


Tapered roller bearing 461-454-TIMKEN - 461-454-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/461-454-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			
42.850	110.800	27.795	136000	0.34	32200	20200	1.74	160000	461	454
1.6870	4.3307	1.0943	33500		7900	4940		37200		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R _f ⁽¹⁾	Backing Shoulder Dia. d _s ⁽¹⁾	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D _s ⁽¹⁾	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	A ₃ ⁽¹⁾	G ₁	G ₂	C ₁	kg	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
29.217	27.990	-3.1	0.8	53.8	54.8	2.8	198.8	96.8	2.1	1.4	56.6	17.1	0.0948	1.49
1.1542	1.0930	-0.28	0.03	2.09	2.13	0.08	3.94	3.78	0.08	0.06			2.29	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952313436
Inside diameter	42.85 mm
Outside diameter	110 mm
Thickness	27.795 mm
Packaging	1

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