


Tapered roller bearing 461-453-TIMKEN - 461-453-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/461-453-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	107.950	27.795	136000	0.34	35200	20300	1.74	160000	461 453	
1.6870	4.2500	1.0943	30500		7900	4546		37300		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ⁽¹⁾	Backing Shoulder Dia. d ₄	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D ₂	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	G ₁	G ₂	C ₁			
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg		
29.317	27.800	-3.1	0.8	53.8	54.8	0.8	100.8	57.8	2.1	1.4	56.6	17.1	0.0948	1.42
1.1542	1.0930	-0.28	0.03	2.09	2.13	0.03	3.94	2.32	0.08	0.06			3.12	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952313429
Inside diameter	42.85 mm
Outside diameter	107.95 mm
Thickness	27.795 mm
Packaging	1

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