


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

<https://www.123bearing.com/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 _{2e}	Factor ⁽²⁾ C _{2e}	Static C ₂	Inner	Outer	
mm	mm	mm	N		N	N	N			
42.85	107.95	27.795	136000	0.34	35200	20300	1.74	148000	461 453	
1.6870	4.2500	1.0943	28500		7900	4546		37390		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft		Housing		Cage		Geometry Factors			kg					
Width B	Width C	ER. Dr. a ⁽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 ⁽¹⁾	G ₁	G ₂	C ₁	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg	
28.217	27.890	-3.1	0.8	53.8	54.8	0.8	188.8	57.8	2.1	1.4	58.6	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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