


## Tapered roller bearing 461-453X-TIMKEN - 461-453X-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/461-453x-timken>

**TAPERED ROLLER BEARINGS**  
SINGLE-ROW • TYPE TS

**TYPE TS**



Bearing Dimensions			Load Ratings						Part Number		
Bore d	O.D. D	Width B	Dynamic <sup>(1)</sup> C <sub>1</sub>	Factor <sup>(2)</sup> e	Dynamic <sup>(1)</sup> C <sub>2</sub>	Factor <sup>(2)</sup> C <sub>2e</sub>	Static C <sub>0</sub>	Inner	Outer		
mm	mm	mm	N		N	N	N				
42.850	104.775	30.162	12600	0.34	1720	25200	25200	1.14	160000	461	453X
1.6870	4.1250	1.1875	39500		7800	7800	4540		37000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α <sup>(1)</sup>	Max Shaft Fillet Radius R <sub>f</sub> <sup>(2)</sup>	Backing Shoulder Dia. d <sub>s</sub>	Max Housing Fillet Radius r <sup>(3)</sup>	Backing Shoulder Dia. D <sub>s</sub>	D <sub>1</sub>	A <sub>1</sub> <sup>(4)</sup>	A <sub>2</sub> <sup>(5)</sup>	G <sub>1</sub>	G <sub>2</sub>	C <sub>3</sub>	kg	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				mm	
29.217	24.685	-3.1	0.8	53.8	54.8	3.3	98.0	92.8	2.1	1.4	55.5	17.1	0.0945	1.31
1.1542	0.9807	-0.28	0.03	2.09	2.13	0.13	3.89	3.62	0.08	0.06			2.89	

### PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952313412
Inside diameter	42.85 mm
Outside diameter	104.775 mm
Thickness	30.162 mm
Packaging	1

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