


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

<https://www.123bearing.eu/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 ⁽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			
42.850	104.775	30.162	12600	0.24	3220	0.24	16000	461	453X	
1.6870	4.1250	1.1875	30500		7800		37000			

Bearing Dimensions										Geometry Factors			Bearing Weight	
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ₁ ⁽¹⁾	Backing Shoulder Dia. d ₁ ⁽¹⁾	Max Housing Fillet Radius r ₁ ⁽¹⁾	Backing Shoulder Dia. D ₁ ⁽¹⁾	Cage A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	G ₁	G ₂	C ₁			
mm	mm	mm	mm	mm	mm	mm	mm	mm				kg		
29.217	24.885	-2.1	0.8	53.8	54.8	3.3	98.0	92.8	2.1	1.4	55.5	17.1	0.2948	1.21
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
Inside diameter	1.687" inch
Outside diameter	104.775 mm
Outside diameter	4 1/8" inch
Thickness	30.162 mm
Thickness	1 3/16" inch
Packaging	1

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