


## Tapered roller bearing 456-453AS-TIMKEN - 456-453AS-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/456-453as-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> e <sub>2</sub>	Static C <sub>3</sub>	Inner	Outer	
mm	mm	mm	N		N		N			
53.975	107.950	27.783	101900	0.34	41790	22900	1.74	160000	456	453AS
2.1250	4.2500	1.0938	26100		10270	5390		37000		

Bearing Dimensions										Geometry Factors			Bearing Weight		
Width B		ER. Dr. a <sup>(1)</sup>		Shaft		Housing		Cage		G <sub>1</sub>	G <sub>2</sub>	C <sub>3</sub>			
mm	mm	mm	mm	Max Shaft Fillet Radius R <sub>1</sub>	Backing Shoulder Dia. d <sub>1</sub>	Max Housing Fillet Radius r <sub>1</sub>	Backing Shoulder Dia. D <sub>1</sub>	A <sub>1</sub> <sup>(1)</sup>	A <sub>2</sub> <sup>(1)</sup>				mm	mm	mm
20.317	22.225	-3.1	0.14	3.5	61.8	88.8	2.3	100.8	88.8	2.1	1.4	58.5	17.1	0.0948	1.16
1.1542	0.8750	-0.28	0.14	2.40	2.88	0.09	3.94	3.74	0.08	0.08					2.95

### PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952316925
Inside diameter	53.975 mm
Inside diameter	2 1/8" inch
Outside diameter	107.95 mm
Outside diameter	4 1/4" inch
Thickness	27.783 mm
Thickness	1 3/32" inch
Packaging	1

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