


## Tapered roller bearing 4559-4535-TIMKEN - 4559-4535-TIMKEN

<https://www.123bearing.ca/bearing-housing/roller-bearing/tapered/4559-4535-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>	Factor <sup>(2)</sup> K	Static C <sub>4</sub>	Inner	Outer
mm	mm	mm	N		N	N	N		N		
in	in	in	lbf		lbf	lbf	lbf		lbf		
45.000	104.775	39.688	109000	0.24	1.78	40000	26000	1.14	237000	4559	4535
1.7717	4.1250	1.5625	49500			19500	11500		105000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Width B	Width C	ER. Dr. α <sup>(1)</sup>	Max Shaft Fillet Radius R <sup>(1)</sup>	Backing Shoulder Dia. d <sub>s</sub>	Max Housing Fillet Radius r <sup>(1)</sup>	Backing Shoulder Dia. D <sub>s</sub>	Cage A <sub>1</sub> <sup>(1)</sup>	A <sub>2</sub> <sup>(1)</sup>	G <sub>1</sub>	G <sub>2</sub>	C <sub>1</sub>			
mm	mm	mm	mm	mm	mm	mm	mm	mm				kg		
in	in	in	in	in	in	in	in	in				lbm		
40.157	33.338	-12.4	3.5	56.8	62.8	3.3	99.0	98.8	1.6	1.3	73.6	20.2	0.1027	1.36
1.5810	1.3125	-0.49	0.14	2.20	2.44	0.13	3.90	3.94	0.06	0.05				2.89

### PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952314761
Inside diameter	45 mm
Outside diameter	104.775 mm
Thickness	39.688 mm
Packaging	1

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