

Tapered roller bearing

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/462-453-b-timken>

TAPERED ROLLER BEARINGS													
TYPE TSF													
													
Bearing Dimensions				Load Ratings								Part Number	
Bore Φ	O.D. Φ	Width T_1		Dynamic ⁽¹⁾ C_1	Factors ⁽²⁾ e	Y	Dynamic ⁽³⁾ C_2	Factors ⁽⁴⁾ C_{10}	Static K	G_1	H	Inner	Outer
mm in.	mm in.	mm in.		N lbf			N lbf						
97.50 3.839	107.50 4.230	11.15 0.439		10100 2280	1.76		47100 10570	22000 5000	1.74		16000 3570	462	493
Bearing Dimensions													
				Shaft				Housing		Geometry Factors			
Width B	Width C	Eff. Co. $a^{(5)}$	Outer Ring Flange O.D. Φ_1	Flange Width C_1	Max Shaft Fillet Radius r_{fs}	Backing Shoulder Dia. d_1	Backing Shoulder Dia. d_2	Backing Shoulder Dia. D_1		G_1	G_2	C_2	Bearing Weight kg lb.
mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.					
26.317 1.034	22.225 0.875	-1.1 -0.28	113.396 4.464	5.508 0.218	2.3 0.09	62.0 2.48	62.0 2.54	108.9 4.28		56.6	17.1	0.0946	1.16 2.50

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952338002
Inside diameter	57.15 mm
Outside diameter	107.95 mm
Thickness	29.317 mm
Packaging	1

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