


## Tapered roller bearing 47487-47420-TIMKEN - 47487-47420-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/47487-47420-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	N			
69.850	120.000	32.545	17900	2.20	4200	2800	1.52	21000	47487	47420
2.750	4.724	1.2813	4520		10400	6420		5300		

Bearing Dimensions										Geometry Factors			Bearing Weight			
Shaft					Housing					Cage		G <sub>1</sub>		G <sub>2</sub>	C <sub>3</sub>	
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> <sup>(3)</sup>	Max Housing Fillet Radius r <sup>(4)</sup>	Backing Shoulder Dia. D <sub>s</sub> <sup>(5)</sup>	A <sub>1</sub> <sup>(6)</sup>	A <sub>2</sub> <sup>(7)</sup>	A <sub>3</sub> <sup>(8)</sup>	A <sub>4</sub> <sup>(9)</sup>	A <sub>5</sub> <sup>(10)</sup>		A <sub>6</sub> <sup>(11)</sup>			A <sub>7</sub> <sup>(12)</sup>
32.545	25.195	-4.4	3.5	78.0	84.0	3.3	114.0	107.0	2.2	2.8	0.08	0.08	96.4	26.3	0.1153	1.46
1.2813	1.0213	-0.25	0.14	3.07	3.31	0.13	4.49	4.21	0.08	0.08						2.20

### PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952320564
Inside diameter	69.85 mm
Outside diameter	120 mm
Thickness	32.545 mm
Packaging	1

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