

# Tapered roller bearing

## 32205-B-YAA32005-B-TIMKEN - 32205-B-YAA32005-B-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/32205-b-yaa32005-b-timken>

**TAPERED ROLLER BEARINGS**  
SINGLE-ROW • IsoClass

**IsoClass**

Bearing Dimensions			Load Ratings						Part Number	
Bore d	O.D. D	Width T	Dynamic <sup>(1)</sup> C <sub>1</sub>	Factor <sup>(2)</sup> e	Dynamic <sup>(3)</sup> C <sub>2</sub>	Factor <sup>(2)</sup> K	Static C <sub>0</sub>	Assembly Inner/Outer		
mm	mm	mm	N		N	N	N			
in.	in.	in.	lbf		lbf	lbf	lbf			
25.000	52.000	19.250	47900	0.56	12200	12200	1.00	40300	32205-B/YAA32205-B	
0.9843	2.0472	0.7579	10800		2740	2740		10400		

  

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER Dr. a <sup>(4)</sup>	Max Shaft Fillet Radius R <sup>(5)</sup>	Backing Shoulder Dia. d <sub>s</sub>	Max Housing Fillet Radius r <sup>(6)</sup>	Backing Shoulder Dia. D <sub>s</sub>	D <sub>1</sub>	D <sub>2</sub>	A <sub>1</sub> <sup>(7)</sup>	A <sub>2</sub> <sup>(7)</sup>	G <sub>1</sub>	G <sub>2</sub>	C <sub>3</sub>	kg
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	lb
19.000	19.000	-0.0	1.0	21.0	20.0	2.0	40.0	40.0	1.7	1.8	10.2	0.1	0.007	0.19
0.7500	0.7500	-0.12	0.04	1.22	1.42	0.08	1.59	1.60	0.06	0.07				0.42

### PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952331805
Inside diameter	25 mm
Inside diameter	0.984" inch
Outside diameter	52 mm
Outside diameter	2.047" inch
Thickness	19.25 mm
Thickness	0.758" inch
Packaging	1

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