


Tapered roller bearing 49580-49520-TIMKEN - 49580-49520-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/49580-49520-timken>

TAPERED ROLLER BEARINGS
SINGLE-ROW • TYPE TS

TYPE TS



Bearing Dimensions			Load Ratings					Part Number	
Bore d	O.D. D	Width B	Dynamic ⁽¹⁾ C ₁	Factor ⁽²⁾ e	Dynamic ⁽¹⁾ C ₂	Factor ⁽²⁾ C _{2e}	Static C ₃	Inner	Outer
mm	mm	mm	N		N	N	N		
47.625	101.600	31.750	132000	1.50	34000	22800	1.48	195000	49200
1.8750	4.0000	1.2500	28600		7740	5310		30000	4920

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. a ⁽¹⁾	Max Shaft Fillet Radius R ⁽¹⁾	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ⁽¹⁾	Backing Shoulder Dia. D _s	A ₁ ⁽¹⁾	A ₂ ⁽¹⁾	A ₃ ⁽¹⁾	G ₁	G ₂	C ₁		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg	
31.750	25.400	-3.1	0.5	56.8	63.8	3.3	96.8	88.8	2.3	1.6	45.1	16.8	0.0948	1.18
1.2500	1.0000	-0.28	0.14	2.20	2.48	0.13	3.76	3.48	0.09	0.06			2.80	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952315171
Inside diameter	47.625 mm
Outside diameter	101.6 mm
Thickness	31.75 mm
Packaging	1

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