

Tapered roller bearing

544091-544118-TIMKEN - 544091-544118-TIMKEN

https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/544091-544118-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 ₀	Inner	Outer	
mm	mm	mm	N		N	N	N			
231.775	300.038	33.338	22000	1.45	6100	4200	1.45	45000	544091	544118
9.1250	11.8125	1.3125	53400		13600	9500		102000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft		Housing		Cage					G ₁	G ₂	C ₃			
Width B	Width C	ER. Dr. r ⁽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⁾						
31.750	23.812	15.7	3.5	243.1	246.5	3.3	287.8	282.8	4.2	3.8	0.68.6	278.2	0.1174	5.24
1.2500	0.9375	0.62	0.14	9.57	9.72	0.13	11.30	11.10	0.16	0.11				11.54

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952327754
Inside diameter	231.775 mm
Outside diameter	300.038 mm
Thickness	33.338 mm
Weight	5240 g
Packaging	1

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