

Tapered roller bearing 744-742-TIMKEN - 744-742-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/744-742-timken>

TAPERED ROLLER BEARINGS												
SINGLE-ROW • TYPE TS												
TYPE TS												
Bearing Dimensions			Load Ratings						Part Number			
Bore d	O.D. D	Width T	Dynamic ⁽¹⁾ C ₁₀	Factor ⁽²⁾ e	Dynamic ⁽¹⁾ C ₉₀	Factor ⁽²⁾ e	Static C ₀	Inner	Outer			
mm in.	mm in.	mm in.	N lbf		N lbf		N lbf					
73.025 2.8750	150.089 5.9090	44.450 1.7500	37300 84100	0.33 1.04	91000 21900	54900 12300	1.80 5.9000	744	742			
Bearing Dimensions												
Shaft			Housing				Cage		Geometry Factors		Bearing Weight	
Width B	Width C	ER C ₂ μm	Max Shaft Fillet Radius R ₁	Backing Shoulder Dia. d _s	Max Housing Fillet Radius R ₂	Backing Shoulder Dia. D _s	A ₁ ⁽³⁾	A ₂ ⁽³⁾	G ₁	G ₂	C ₃	
mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	
46.612 1.8325	36.512 1.4375	-11.9 -0.47	0.5 0.14	85.0 3.35	81.0 3.19	0.13 0.01	142.0 5.59	134.0 5.28	1.8 0.07	1.3 0.05	153.6 6.05	0.088 0.0034

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952321264
Inside diameter	73.025 mm
Inside diameter	2 7/8" inch
Outside diameter	150.089 mm
Outside diameter	5.909" inch
Thickness	44.45 mm
Thickness	1 3/4" inch
Packaging	1

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