


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

<https://www.123bearing.co.uk/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 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		
73.025	150.089	44.450	37900	0.33	67000	94000	1.80	417000	744 742
2.8750	5.9050	1.7500	84700		21900	12200		53600	

Bearing Dimensions										Geometry Factors			Bearing Weight		
Shaft					Housing					Cage	G ₁	G ₂		C ₃	
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ₁	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius r ⁽²⁾	Backing Shoulder Dia. D ₁	D ₂	A ₁ ⁽³⁾	A ₂ ⁽³⁾				A ₃ ⁽³⁾		kg
46.632	95.932	-11.8	3.5	85.8	0.13	142.8	134.0	1.8	1.3	0.07	0.05	153.6	26.3	0.0089	3.29
1.8375	3.7775	-0.47	0.14	3.35	0.13	5.69	5.28	0.07	0.05						0.34

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952321264
Inside diameter	73.025 mm
Outside diameter	150.089 mm
Thickness	44.45 mm
Packaging	1

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