

Tapered roller bearing 745-742-TIMKEN - 745-742-TIMKEN

<https://www.123bearing.eu/bearing-housing/roller-bearing/tapered/745-742-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 ₁	Factor ⁽²⁾ e	Dynamic ⁽¹⁾ C ₂	Factor ⁽²⁾ e	Static C ₀	Inner	Outer	
mm	mm	mm	N		N		N			
in.	in.	in.	lbf		lbf		lbf			
99.931	150.089	44.450	718000	0.33	62400	45900	1.80	417000	745	742
2.2995	5.9090	1.7500	71400	1.04	19000	10200		93000		

Bearing Dimensions											Geometry Factors			Bearing Weight
Width B	Width C	ER C ₂ μm	Max Shaft Fillet Radius R ₁	Backing Shoulder Dia. d ₁	Max Housing Fillet Radius R ₂	Backing Shoulder Dia. D ₁	Cage A ₁ ⁽³⁾	A ₂ ⁽³⁾	G ₁	G ₂	C ₃			
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg		
in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	lbs.		
46.872	36.912	-11.9	0.5	75.0	81.0	3.3	142.0	134.0	1.8	1.3	159.5	26.3	0.0889	4.29
1.8275	1.4275	-0.47	0.14	2.95	3.19	0.13	5.59	5.28	0.07	0.05				9.45

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952318325
Inside diameter	49.931 mm
Inside diameter	1.966" 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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