


Tapered roller bearing 748S-742-TIMKEN - 748S-742-TIMKEN

<https://www.123bearing.ie/bearing-housing/roller-bearing/tapered/748s-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			
76.200	150.089	44.450	37500	0.33	124	8700	5400	1.82	417000	742
3.0000	5.9050	1.7500	84700			21900	12200		53600	

Bearing Dimensions										Geometry Factors			Bearing Weight	
Width		ER. Co. α ⁽¹⁾	Shaft		Housing		Cage		G ₁	G ₂	C ₃			
B	C		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⁾						
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
46.872	36.512	-11.9	3.5	87.8	88.8	3.3	142.8	134.8	1.8	1.3	153.6	26.3	0.0888	3.86
1.8375	1.4375	-0.47	0.14	3.43	3.56	0.13	5.59	5.28	0.07	0.05			0.06	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952321677
Inside diameter	76.2 mm
Outside diameter	150.089 mm
Thickness	44.45 mm
Packaging	1

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