


Tapered roller bearing 642-633-TIMKEN - 642-633-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/642-633-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 ⁽³⁾ C _{2e}	Factor ⁽³⁾ K	Static C ₂	Inner	Outer	
mm	mm	mm	N		N		N			
68.262	130.175	41.275	22800	0.30	6900	3700	1.61	29800	642 633	
2.6875	5.1250	1.6250	52400		13000	8400		67000		

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Dr. α ⁽¹⁾	Max Shaft Fillet Radius R ⁽²⁾	Backing Shoulder Dia. d _s	Max Housing Fillet Radius r ⁽³⁾	Backing Shoulder Dia. D _s	A ₁ ⁽⁴⁾	A ₂ ⁽⁵⁾	A ₃ ⁽⁶⁾	G ₁	G ₂	C ₃		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
41.275	31.290	-11.2	3.5	78.8	85.8	3.3	124.8	116.8	4.1	2.8	106.4	21.0	0.9814	2.33
1.6250	1.2500	-0.44	0.14	3.07	3.35	0.13	4.89	4.57	0.16	0.09				5.12

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952320373
Inside diameter	68.262 mm
Outside diameter	130.175 mm
Thickness	41.275 mm
Packaging	1

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