


Tapered roller bearing HM914545-HM914510-TIMKEN - HM914545-HM914510-TIMKEN

<https://www.123bearing.co.uk/bearing-housing/roller-bearing/tapered/hm914545-hm914510-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⁾ e ₂	Static C ₃	Inner	Outer	
mm	mm	mm	N		N		N			
69.850	146.050	36.512	174000	0.04	40000	72000	202000	HM914545	HM914510	
2.7500	5.7500	1.4375	28100		10100	16200	45400			

Bearing Dimensions										Geometry Factors			Bearing Weight	
Shaft					Housing					Cage				
Width B	Width C	ER. Cr. α ⁽¹⁾	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⁾	A ₃ ⁽¹⁾	G ₁	G ₂	C ₃		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				kg	
33.238	23.812	12.4	4.8	86.1	85.8	3.3	128.8	122.8	7.1	4.6	71.5	21.8	0.0943	2.87
1.3125	0.9375	0.49	0.18	3.38	3.34	0.13	5.17	4.80	0.28	0.18			5.88	

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952320687
Inside diameter	69.85 mm
Outside diameter	146.05 mm
Thickness	36.512 mm
Packaging	1

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