

Tapered roller bearing HH224346-HH224310-TIMKEN - HH224346-HH224310-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/hh224346-hh224310-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 ₂	Static C ₃	Inner	Outer	
mm	mm	mm	N		N		N			
114.300	212.725	66.675	68000	0.33	17600	96300	1.78	99200	HH224346	
4.5000	8.3750	2.6250	103000		3900	22700		20400	HH224310	

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 ₁	Backing Shoulder Dia. D ₁	Backing Shoulder Dia. D ₂	A ₁ ⁽²⁾	A ₂ ⁽²⁾	A ₃ ⁽²⁾	A ₄ ⁽²⁾		A ₅ ⁽²⁾			A ₆ ⁽²⁾	A ₇ ⁽²⁾	A ₈ ⁽²⁾	A ₉ ⁽²⁾
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
66.675	93.875	-18.8	7.8	131.0	143.0	3.3	201.7	192.0	4.8	2.8	366.6	47.0	0.1182	0.02	0.02	0.02	0.02	0.02	0.02
2.6250	3.7000	-0.74	0.28	5.16	5.63	0.13	7.94	7.58	0.19	0.12	14.40	1.88	0.0047	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011

PRODUCT FEATURES

Brand	TIMKEN
N° Ean13	3663952324654
Inside diameter	114.3 mm
Inside diameter	4 1/2" inch
Outside diameter	212.725 mm
Outside diameter	8 3/8" inch
Thickness	66.675 mm
Thickness	2 5/8" inch
2nd Thickness	53.975 mm
2nd Thickness	2 1/8" inch
Weight	21850 g
Dynamic load	1760 kN
Static load	906 kN
Packaging	1
Standard	No standard

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