

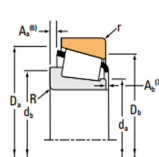
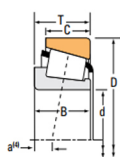
TIMKEN

Where You Turn

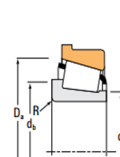
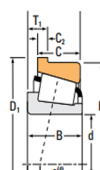


TIMKEN CYLINDRICAL ROLLER BEARING

TYPE TS



TYPE TSF



Bearing Dimensions				Load Ratings						Part Number	
Bore d	O.D. D	Width T		Dynamic ⁽¹⁾ C ₁	Factor ⁽²⁾ e	Y	Dynamic ⁽³⁾ C ₁₀	Factor ⁽²⁾ K	Static C ₂	Inner	Outer
mm	in.	mm	in.	N	lbf		N	lbf	N		
7.937	0.3125	10.008	0.3940	10800	0.41	1.48	2800	1940	8230	A2031	A2126
9.525	0.3750	10.008	0.3940	10800	0.41	1.48	2800	1940	8230	A2037	A2126
11.112	0.4375	10.008	0.4330	12000	0.45	1.32	3410	2640	11500	A4044	A4138
11.987	0.4719	10.008	0.3940	10800	0.41	1.48	2800	1940	8230	A2047	A2126
12.680	0.4992	10.998	0.4330	13200	0.45	1.32	3410	2640	11500	A4049	A4138
12.700	0.5000	10.998	0.4330	13200	0.45	1.32	3410	2640	11500	A4050	A4138
12.700	0.5000	13.495	0.5313	20900	0.28	2.18	5410	2550	17100	00050	00150
14.987	0.5901	10.998	0.4330	13200	0.45	1.32	3410	2640	11500	A4059	A4138
15.875	0.6250	10.998	0.4330	13200	0.45	1.32	3410	2640	11500	L21549	L21511
15.875	0.6250	12.014	0.4740	14000	0.53	1.14	3480	2705	12200	A6062	A6157
15.875	0.6250	14.288	0.5625	24000	0.31	1.93	6230	2310	21300	03062	03162
15.875	0.6250	14.288	0.5625	18000	0.70	0.85	4870	5860	17400	11590	11520
15.875	0.6250	16.670	0.6563	31400	0.33	1.81	8150	3640	28200	17580	17520
15.875	0.6250	14.381	0.5663	26700	0.36	1.88	6930	4230	25400	05062	05185
15.875	0.6250	15.845	0.6236	42800	0.27	2.26	11000	5050	40500	09062	09195
15.875	0.6250	23.020	0.9063	42800	0.27	2.26	11000	5050	40500	09062	09194
15.875	0.6250	22.225	0.8750	55100	0.59	1.02	14300	14100	42500	21063	21212

Bearing Dimensions			Load Ratings								Part Number					
Bore d	O.D. D	Width T ₁	Dynamic ⁽¹⁾			Factor ⁽²⁾			Dynamic ⁽³⁾		Factor ⁽²⁾		Static C ₂		Inner	Outer
			C ₁	e	Y	C ₁₀	N	C ₁₀	K	N	C ₂					
mm	in.	mm	in.	lbf			lb	lbf		lb			lb			
142.875 5.6250	241.300 9.5000	22.25 0.8750	597000 134000	0.32	1.88	155000 34800	84500 19000	1.83	932000 210000	HM231136	HM231115-B					
142.875 5.6250	200.025 7.8750	0.5000	286000 64000	0.34	1.78	74300 16700	42800 9610	1.74	560000 125000	48685	48620-B					
142.875 5.6250	193.875 7.6312	0.3750	196000 44200	0.37	1.63	50900 11300	32100 7220	1.59	394000 88600	36686	36620-B					
146.050 5.7500	254.000 10.0000	30.162 1.1875	660000 148000	0.41	1.47	171000 38500	119000 26800	1.43	1030000 231000	99575	99100-B					
146.050 5.7500	241.300 9.5000	22.25 0.8750	515000 116000	0.44	1.36	130000 29000	101000 22700	1.32	810000 182000	82576	82590-B					
146.050 5.7500	241.300 9.5000	22.25 0.8750	597000 134000	0.32	1.88	155000 34800	84500 19000	1.83	932000 210000	HM231140	HM231115-B					
146.050 5.7500	193.875 7.6312	0.3750	196000 44200	0.37	1.63	50900 11300	32100 7220	1.59	394000 88600	36690	36620-B					
149.225 5.8750	254.000 10.0000	30.162 1.1875	660000 148000	0.41	1.47	171000 38500	119000 26800	1.43	1030000 231000	99587	99100-B					
149.225 5.8750	241.300 9.5000	22.25 0.8750	515000 137000	0.32	1.88	155000 34800	84500 19000	1.83	932000 210000	HM231149	HM231115-B					
150.000 5.9055	205.000 8.0709	12.000 0.4724	450000 100000	0.46	1.31	55200 11200	29400 6860	1.27	330000 76100	7130046	7130612-B					
152.400 6.0000	254.000 10.0000	30.162 1.1875	660000 148000	0.41	1.47	171000 38500	119000 26800	1.43	1030000 231000	99600	99100-B					
152.400 6.0000	192.088 7.5625	8.970 0.3525	130000 29300	0.42	1.44	37000 8210	26300 5920	1.40	272000 62700	L630349	L630310-B					
158.750 6.2500	225.425 8.8750	13.495 0.5313	300000 67000	0.38	1.57	78600 17700	51600 11600	1.52	630000 142000	46780	46720-B					
160.325 6.3120	208.325 8.1750	26.968 1.0625	280000 219000	0.32	1.88	263000 58900	128000 31100	1.83	1260000 278000	HM237252	HM237510-B					
165.100 6.5000	100.000 3.9370	22.225 0.8750	112000 25000	0.37	1.62	129000 29000	81600 18300	1.58	644000 143000	86650	86100-B					
165.100 6.5000	247.500 9.7500	10.570 0.6563	465000 91100	0.44	1.36	105000 23600	79000 17800	1.33	775000 175000	67780	67720-B					
165.100	225.425	14.375	300000	0.38	1.57	78600	51600	1.52	630000	46790	46720-B					