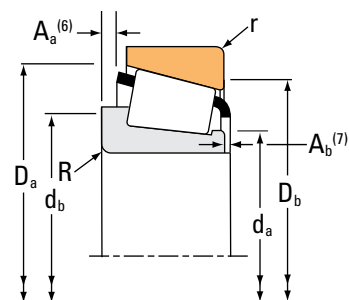
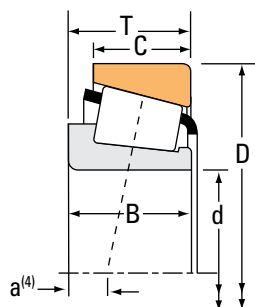


TAPERED ROLLER BEARINGS

SINGLE-ROW • TYPE TS

TYPE TS



Bearing Dimensions			Load Ratings							Part Number	
Bore d	O.D. D	Width T								Inner	Outer
Dynamic ⁽¹⁾ C ₁	Factors ⁽²⁾ e	Y	Dynamic ⁽³⁾ C ₉₀	C _{a90}	Factors ⁽²⁾ K	Static C ₀					
N lbf	N lbf	N lbf	N lbf	N lbf	N lbf	N lbf					
44.450 1.7500	104.775 4.1250	30.162 1.1875	153000 34500	0.33	1.80	39700 8930	22600 5090	1.76	189000 42600	45280	45220
44.450 1.7500	104.775 4.1250	30.162 1.1875	161000 36100	0.34	1.79	41700 9370	23900 5380	1.74	166000 37200	460	453X
44.450 1.7500	104.775 4.1250	36.512 1.4375	202000 45500	0.40	1.49	52400 11800	36100 8110	1.45	202000 45400	59175	59412
44.450 1.7500	104.775 4.1250	36.512 1.4375	202000 45500	0.40	1.49	52400 11800	36100 8110	1.45	202000 45400	59176	59413
44.450 1.7500	104.775 4.1250	36.512 1.4375	202000 45500	0.40	1.49	52400 11800	36100 8110	1.45	202000 45400	59175	59413
44.450 1.7500	104.775 4.1250	36.512 1.4375	203000 45700	0.49	1.23	52700 11900	44000 9890	1.20	223000 50200	HM807040	HM807010
44.450 1.7500	104.775 4.1250	36.512 1.4375	202000 45500	0.40	1.49	52400 11800	36100 8110	1.45	202000 45400	59176	59412
44.450 1.7500	105.000 4.1339	36.873 1.4517	203000 45700	0.49	1.23	52700 11900	44000 9890	1.20	223000 50200	HM807040	JHM807012
44.450 1.7500	107.950 4.2500	27.783 1.0938	161000 36100	0.34	1.79	41700 9370	23900 5380	1.74	166000 37200	460	453A
44.450 1.7500	107.950 4.2500	36.512 1.4375	202000 45500	0.40	1.49	52400 11800	36100 8110	1.45	202000 45400	59176	59425
44.450 1.7500	111.125 4.3750	30.162 1.1875	126000 28300	0.88	0.68	32700 7350	49500 11100	0.66	119000 26700	55175	55437
44.450 1.7500	111.125 4.3750	30.162 1.1875	123000 27700	0.88	0.68	31900 7170	48200 10800	0.66	153000 34400	HM907635	HM907614
44.450 1.7500	111.125 4.3750	30.162 1.1875	151000 34000	0.88	0.68	39200 8810	59300 13300	0.66	161000 36200	55176C	55437
44.450 1.7500	111.125 4.3750	30.162 1.1875	151000 34000	0.88	0.68	39200 8810	59300 13300	0.66	161000 36200	55175C	55437
44.450 1.7500	111.125 4.3750	38.100 1.5000	172000 38700	0.30	2.02	44600 10000	22700 5090	1.97	206000 46200	535	532A
44.450 1.7500	112.712 4.4375	30.162 1.1875	126000 28300	0.88	0.68	32700 7350	49500 11100	0.66	119000 26700	55175	55443
44.450 1.7500	112.712 4.4375	30.162 1.1875	123000 27700	0.88	0.68	31900 7170	48200 10800	0.66	153000 34400	HM907635	HM907616

⁽¹⁾Based on 1 x 10⁶ revolutions L₁₀ life, for the ISO life-calculation method.

⁽²⁾Consult your Timken engineer for instructions on use or review the Timken Engineering Manual on timken.com/catalogs.

⁽³⁾Based on 90 x 10⁶ revolutions L₁₀ life, for The Timken Company life-calculation method. C₉₀ and C_{a90} are radial and thrust values.