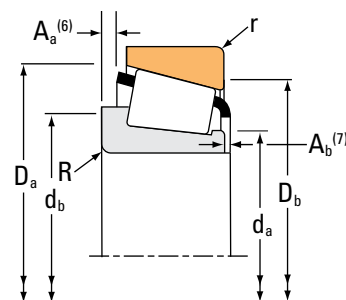
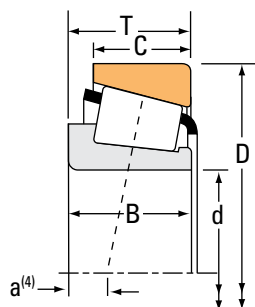


TAPERED ROLLER BEARINGS

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				
mm in.	mm in.	mm in.	N lbf			N lbf	N lbf		N lbf		
50.000 1.9685	90.000 3.5433	20.000 0.7874	102000 22900	0.32	1.88	26400 5930	14400 3250	1.83	95800 21500	366	363
50.000 1.9685	90.000 3.5433	20.000 0.7874	102000 22900	0.32	1.88	26400 5930	14400 3250	1.83	95800 21500	365	363
50.000 1.9685	90.000 3.5433	20.000 0.7874	102000 22900	0.32	1.88	26400 5930	14400 3250	1.83	95800 21500	365	362
50.000 1.9685	90.000 3.5433	28.000 1.1024	124000 27800	0.33	1.82	32100 7210	18100 4060	1.78	154000 34600	JM205149	JM205110
50.000 1.9685	90.000 3.5433	28.000 1.1024	147000 33000	0.33	1.82	38000 8540	21400 4810	1.78	154000 34600	JM205149A	JM205110
50.000 1.9685	90.000 3.5433	28.000 1.1024	147000 33000	0.33	1.82	38000 8540	21400 4810	1.78	154000 34600	JM205149	JM205110A
50.000 1.9685	90.000 3.5433	28.000 1.1024	147000 33000	0.33	1.82	38000 8540	21400 4810	1.78	154000 34600	JM205149AS	JM205110
50.000 1.9685	105.000 4.1339	32.000 1.2598	142000 31800	0.87	0.69	36700 8250	54400 12200	0.67	138000 31000	JW5049	JW5010
50.000 1.9685	105.000 4.1339	37.000 1.4567	172000 38600	0.49	1.23	44500 10000	37100 8350	1.20	223000 50200	JHM807045	JHM807012
50.800 2.0000	77.788 3.0625	12.700 0.5000	37300 8390	0.34	1.78	9680 2180	5570 1250	1.74	47200 10600	LL205449	LL205410
50.800 2.0000	80.962 3.1875	18.258 0.7188	60800 13700	0.36	1.69	15800 3540	9590 2160	1.64	88800 20000	L305649	L305610
50.800 2.0000	82.000 3.2283	21.976 0.8652	96300 21700	0.31	1.97	25000 5610	13000 2930	1.91	104000 23400	LM104949	JLM104910
50.800 2.0000	82.550 3.2500	21.590 0.8500	96300 21700	0.31	1.97	25000 5610	13000 2930	1.91	104000 23400	LM104949	LM104911
50.800 2.0000	82.550 3.2500	23.622 0.9300	96300 21700	0.31	1.97	25000 5610	13000 2930	1.91	104000 23400	LM104949	LM104911A
50.800 2.0000	82.931 3.2650	21.590 0.8500	96300 21700	0.31	1.97	25000 5610	13000 2930	1.91	104000 23400	LM104949	LM104912
50.800 2.0000	83.312 3.2800	17.462 0.6875	54700 12300	0.41	1.48	14200 3190	9840 2210	1.44	67500 15200	18790	18721
50.800 2.0000	85.000 3.3465	17.462 0.6875	54700 12300	0.41	1.48	14200 3190	9840 2210	1.44	67500 15200	18790	18720

⁽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.