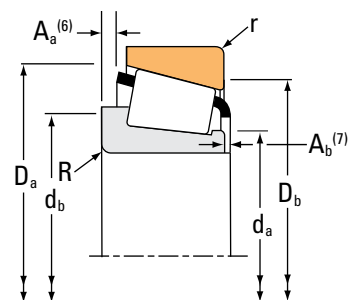
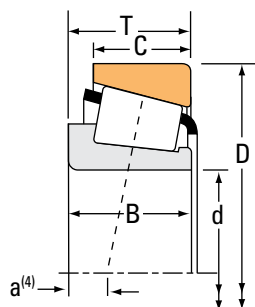


TAPERED ROLLER BEARINGS

SINGLE-ROW • TYPE TS

TYPE TS



Bearing Dimensions			Load Ratings							Part Number	
Bore d	O.D. D	Width T	Dynamic ⁽¹⁾ C ₁			Dynamic ⁽³⁾ C ₉₀ C _{a90}			Static C ₀	Inner	Outer
mm in.	mm in.	mm in.	N lbf	e	Y	N lbf	N lbf	K	N lbf		
25.000 0.9843	52.000 2.0472	15.011 0.5910	29100 6540	0.40	1.49	7550 1700	5190 1170	1.45	29600 6650	07097	07205
25.000 0.9843	61.912 2.4375	21.018 0.8275	48200 10800	0.24	2.48	12500 2810	5170 1160	2.42	49200 11100	247	244X
25.400 1.0000	50.005 1.9687	13.495 0.5313	29100 6540	0.40	1.49	7550 1700	5190 1170	1.45	29600 6650	07100-S	07196
25.400 1.0000	50.292 1.9800	14.224 0.5600	35600 8010	0.37	1.60	9230 2080	5910 1330	1.56	32900 7400	L44643	L44610
25.400 1.0000	50.292 1.9800	14.224 0.5600	35600 8010	0.37	1.60	9230 2080	5910 1330	1.56	32900 7400	L44642	L44610
25.400 1.0000	50.800 2.0000	15.011 0.5910	29100 6540	0.40	1.49	7550 1700	5190 1170	1.45	29600 6650	07100-S	07210X
25.400 1.0000	50.800 2.0000	15.011 0.5910	29100 6540	0.40	1.49	7550 1700	5190 1170	1.45	29600 6650	07100-SA	07210X
25.400 1.0000	51.986 2.0467	15.011 0.5910	35600 8010	0.37	1.60	9230 2080	5910 1330	1.56	32900 7400	L44643	L44613
25.400 1.0000	52.000 2.0472	15.011 0.5910	29100 6540	0.40	1.49	7550 1700	5190 1170	1.45	29600 6650	07100-SA	07205
25.400 1.0000	52.000 2.0472	15.011 0.5910	29100 6540	0.40	1.49	7550 1700	5190 1170	1.45	29600 6650	07100-S	07205
25.400 1.0000	53.975 2.1250	19.368 0.7625	45400 10200	0.31	1.95	11800 2650	6200 1390	1.90	45300 10200	1780	1730
25.400 1.0000	56.896 2.2400	19.368 0.7625	45400 10200	0.31	1.95	11800 2650	6200 1390	1.90	45300 10200	1780	1729
25.400 1.0000	57.150 2.2500	17.462 0.6875	54500 12300	0.35	1.73	14100 3180	8380 1880	1.69	50100 11300	15578	15520
25.400 1.0000	57.150 2.2500	19.431 0.7650	48500 10900	0.55	1.10	12600 2830	11800 2640	1.07	52900 11900	M84548	M84510
25.400 1.0000	57.150 2.2500	19.845 0.7813	48400 10900	0.33	1.82	12500 2820	7080 1590	1.77	50200 11300	1986	1922
25.400 1.0000	57.150 2.2500	19.845 0.7813	48400 10900	0.33	1.82	12500 2820	7080 1590	1.77	50200 11300	1994X	1922
25.400 1.0000	57.150 2.2500	20.218 0.7960	45400 10200	0.31	1.95	11800 2650	6200 1390	1.90	45300 10200	1780	1738X

⁽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.