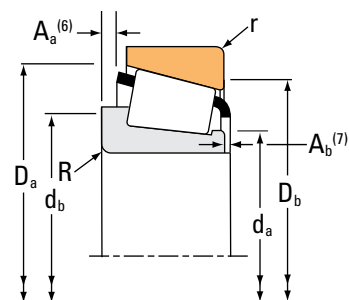
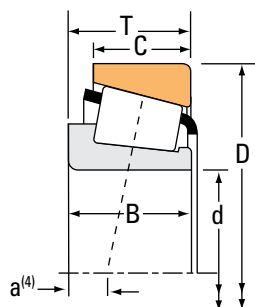


TAPERED ROLLER BEARINGS

SINGLE-ROW • TYPE TS

TYPE TS



Bearing Dimensions			Load Ratings							Part Number			
Bore d	O.D. D	Width T								Dynamic ⁽¹⁾		Factors ⁽²⁾	
			C ₁	e	Y	C ₉₀	C _{a90}	K					
mm in.	mm in.	mm in.	N lbf			N lbf	N lbf		N lbf				
15.987 0.6294	46.975 1.8494	21.000 0.8268	40100 9020	0.55	1.10	10400 2340	9720 2190	1.07	39300 8840		HM81649	HM81610	
16.993 0.6690	39.982 1.5741	12.014 0.4730	13400 3020	0.53	1.14	3480 782	3140 705	1.11	12300 2770		A6067	A6157A	
16.993 0.6690	39.992 1.5745	12.014 0.4730	13400 3020	0.53	1.14	3480 782	3140 705	1.11	12300 2770		A6067	A6157	
16.993 0.6690	47.000 1.8504	14.381 0.5662	26700 6010	0.36	1.68	6930 1560	4230 952	1.64	25400 5720		05066	05185	
17.455 0.6872	36.525 1.4380	11.112 0.4375	13000 2930	0.49	1.23	3380 760	2820 634	1.20	11600 2600		A5069	A5144	
17.462 0.6875	39.878 1.5700	13.843 0.5450	29400 6600	0.29	2.10	7610 1710	3730 838	2.04	23400 5260		LM11749	LM11710	
17.462 0.6875	44.450 1.7500	12.700 0.5000	20300 4550	0.48	1.25	5250 1180	4310 969	1.22	20600 4640		4C	6	
17.462 0.6875	44.450 1.7500	15.494 0.6100	26700 6010	0.36	1.68	6930 1560	4230 952	1.64	25400 5720		05068	05175	
17.987 0.7082	47.000 1.8504	14.381 0.5662	26700 6010	0.36	1.68	6930 1560	4230 952	1.64	25400 5720		05070XS	05185-S	
18.000 0.7087	47.000 1.8504	14.381 0.5662	24700 5560	0.36	1.68	6420 1440	3920 881	1.64	25400 5720		05070X	05185-S	
19.004 0.7482	56.896 2.2400	19.368 0.7625	45400 10200	0.31	1.95	11800 2650	6200 1390	1.90	45300 10200		1774	1729	
19.004 0.7482	56.896 2.2400	19.368 0.7625	45400 10200	0.31	1.95	11800 2650	6200 1390	1.90	45300 10200		1774	1729X	
19.050 0.7500	39.992 1.5745	12.014 0.4730	13400 3020	0.53	1.14	3480 782	3140 705	1.11	12300 2770		A6075	A6157	
19.050 0.7500	41.275 1.6250	11.905 0.4687	13400 3020	0.53	1.14	3480 782	3140 705	1.11	12300 2770		A6075	A6162	
19.050 0.7500	44.450 1.7500	12.700 0.5000	20300 4550	0.48	1.25	5250 1180	4310 969	1.22	20600 4640		4A	6	
19.050 0.7500	45.237 1.7810	15.494 0.6100	39100 8800	0.30	2.00	10100 2280	5220 1170	1.94	32000 7200		LM11949	LM11910	
19.050 0.7500	47.000 1.8504	14.381 0.5662	26700 6010	0.36	1.68	6930 1560	4230 952	1.64	25400 5720		05075	05185	

⁽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.