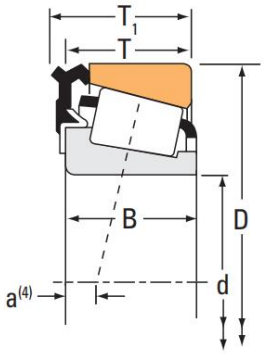
Single Row TSL Series



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Bearing Dimensions(mm/in.)					Load Ratings(N/lbf)						Part Number			Bearing Dimensions(mm/in.)								Geometry Factors			
					Factors(2)		Dynamic(3)		Factors(2)	Static					Bearing		Shaft		Housing						
d	D	T	T_1	Dynamic(1)	e	Y	C_{90}	C_{a90}	K	C_o	Inner	Outer	Seal	Fig.	Inner Ring Width B	Eff. Ctr. $a^{(4)}$	Max. Shaft Fillet Radius $R^{(5)}$	Backing Shoulder Dia. d_a	d_b	Max. Housing Fillet Radius $r^{(5)}$	Backing Shoulder Dia. D_b	G_1	G_2	C_g	Bearing Weight(kg/lbs.)
19.05	45.237	15.494	16.281	39100	0.3	2	10100	5220	1.94	32000	LM11949	LM11910	LM11900EA	2	16.637	-5.6	1.3	23.5	25	1.3	39.5	6.6	5.5	0.0441	0.12
0.75	1.781	0.61	0.641	8800	0.3	2	2280	1170	1.94	7200	LM11949	LM11910	LM11900EA	2	0.655	-0.22	0.05	0.93	0.98	0.05	1.56	6.6	5.5	0.0441	0.28
19.05	45.237	16.281	17.4	39100	0.3	2	10100	5220	1.94	32000	LM11949	LM11910	LM11900LA	1	16.637	-5.6	1.3	23.5	25	1.3	39.5	6.6	5.5	0.0441	0.12
0.75	1.781	0.641	0.685	8800	0.3	2	2280	1170	1.94	7200	LM11949	LM11910	LM11900LA	1	0.655	-0.22	0.05	0.93	0.98	0.05	1.56	6.6	5.5	0.0441	0.28
21.43	50.005	18.313	19.43	52200	0.28	2.16	13500	6440	2.1	43500	M12649	M12610	M12600LA	1	18.288	-6.4	1.3	27.5	29.5	1.3	44	9.1	5.6	0.0479	0.17
0.8437	1.9687	0.721	0.765	11700	0.28	2.16	3040	1450	2.1	9780	M12649	M12610	M12600LA	1	0.72	-0.25	0.05	1.08	1.16	0.05	1.73	9.1	5.6	0.0479	0.37
25.4	50.005	14.206	15.4	29100	0.4	1.49	7550	5190	1.45	29600	7100	7196	07000LA	1	14.26	-2.8	1	29.5	30.5	1	44.5	7.6	7.1	0.0509	0.11
1	1.9687	0.5593	0.606	6540	0.4	1.49	1700	1170	1.45	6650	7100	7196	07000LA	1	0.5614	-0.11	0.04	1.16	1.2	0.04	1.75	7.6	7.1	0.0509	0.25
25.4	50.292	14.224	14.935	35600	0.37	1.6	9230	5910	1.56	32900	L44642	L44610	L44600LC	1	14.732	-3.3	3.5	29.5	36	1.3	44.5	8.9	8.9	0.0526	0.13
1	1.98	0.56	0.588	8010	0.37	1.6	2080	1330	1.56	7400	L44642	L44610	L44600LC	1	0.58	-0.13	0.14	1.16	1.42	0.05	1.75	8.9	8.9	0.0526	0.27
25.4	50.292	14.935	16.13	35600	0.37	1.6	9230	5910	1.56	32900	L44643	L44610	L44600LA	2	14.732	-3.3	1.3	30	32	1.3	44.5	8.9	8.9	0.0526	0.13
1	1.98	0.588	0.635	8010	0.37	1.6	2080	1330	1.56	7400	L44643	L44610	L44600LA	2	0.58	-0.13	0.05	1.18	1.26	0.05	1.75	8.9	8.9	0.0526	0.28
25.4	50.292	14.935	16.13	35600	0.37	1.6	9230	5910	1.56	32900	L44643X	L44610	L44600LB	2	14.732	-3.3	1.3	29.5	31.8	1.3	44.5	8.9	8.9	0.0526	0.13
1	1.98	0.588	0.635	8010	0.37	1.6	2080	1330	1.56	7400	L44643X	L44610	L44600LB	2	0.58	-0.13	0.05	1.16	1.25	0.05	1.75	8.9	8.9	0.0526	0.28
31.75	59.131	16.637	17.78	46700	0.41	1.46	12100	8550	1.42	44600	LM67048	LM67010	LM67000LA	1	16.764	-3	3.5	36	42.5	1.3	52	12.8	9.7	0.0612	0.18
1.25	2.328	0.655	0.7	10500	0.41	1.46	2720	1920	1.42	10000	LM67048	LM67010	LM67000LA	1	0.66	-0.12	0.14	1.42	1.67	0.05	2.05	12.8	9.7	0.0612	0.39
34.925	65.088	18.796	19.94	64600	0.38	1.59	16700	10800	1.55	63100	LM48548	LM48510	LM48500LA	1	18.288	-3.6	3.5	41.5	48	1.3	58	18	10.6	0.0666	0.25
1.375	2.5625	0.74	0.785	14500	0.38	1.59	3760	2430	1.55	14200	LM48548	LM48510	LM48500LA	1	0.72	-0.14	0.14	1.63	1.89	0.05	2.28	18	10.6	0.0666	0.54
38.1	65.088	18.796	19.94	48600	0.33	1.8	12600	7170	1.76	60300	LM29748	LM29710	LM29700LA	1	18.288	-4.1	3.5	42.5	49	1.3	58.9	20.4	15	0.0666	0.23
1.5	2.5625	0.74	0.785	10900	0.33	1.8	2830	1610	1.76	13600	LM29748	LM29710	LM29700LA	1	0.72	-0.16	0.14	1.67	1.93	0.05	2.32	20.4	15	0.0666	0.5
38.1	69.012	19.05	20.19	67200	0.4	1.49	17400	12000	1.45	67900	13685	13621A	13600LA	1	19.05	-3	3.5	43	49.5	2.3	61	20.7	12.2	0.0713	0.27
1.5	2.717	0.75	0.795	15100	0.4	1.49	3920	2700	1.45	15300	13685	13621A	13600LA	1	0.75	-0.12	0.14	1.69	1.95	0.09	2.4	20.7	12.2	0.0713	0.6
38.1	69.012	19.812	20.96	67200	0.4	1.49	17400	12000	1.45	67900	13685	13621	13600LA	1	19.05	-3	3.5	43	49.5	2.3	61	20.7	12.2	0.0713	0.28
1.5	2.717	0.78	0.825	15100	0.4	1.49	3920	2700	1.45	15300	13685	13621	13600LA	1	0.75	-0.12	0.14	1.69	1.95	0.09	2.4	20.7	12.2	0.0713	0.62
63.5	110	23.218	23.218	98900	0.4	1.49	25600	17600	1.45	125000	390A	394A	395LC	1	21.996	-0.8	1.5	70	73	1.3	101	56	21.4	0.0984	0.84
2.5	4.3307	0.9141	0.9141	22200	0.4	1.49	5760	3970	1.45	28100	390A	394A	395LC	1	0.866	-0.03	0.06	2.76	2.87	0.05	3.98	56	21.4	0.0984	1.84
68.262	110	23.218	24.64	98900	0.4	1.49	25600	17600	1.45	125000	399A	394A	395LA	1	21.996	-0.8	2.3	74	78	1.3	101	56	21.4	0.0984	0.75
2.6875	4.3307	0.9141	0.97	22200	0.4	1.49	5760	3970	1.45	28100	399A	394A	395LA	1	0.866	-0.03	0.09	2.91	3.07	0.05	3.98	56	21.4	0.0984	1.65