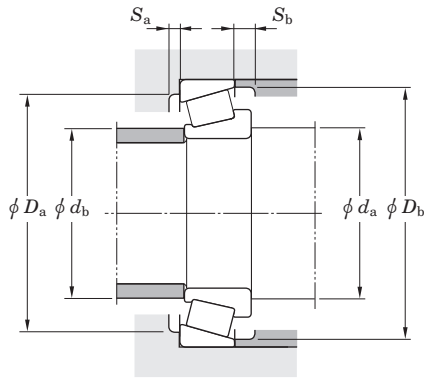
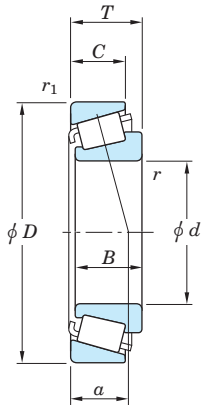


Series No.	Cone (Inner ring)	Page	Cup (Outer ring)	Page
11000R	11163R	59		
	11165XR	61		
	11165XSR	61		
11500	11590	103	11520	103
LM11700R	LM11749R	39	LM11710	39
LM11900	LM11949	39	LM11910	39
12000	12168	61	12303	61
	12175	61		
12500	12580	39	12520	39
M12600	M12648	41	M12610	41
	M12648A	41		
	M12649	41		
LM12700	LM12749	41	LM12711	41
13600	13682	53	13620	53,55
	13685	55	13621	55
	13686	55	13624	55
	13687	55		
13800	13889	55	13830	55,57
	13892	57	13836	55
14000	14116	47	14274	45,47
	14117A	45	14274A	45,47,49,51
	14118	45	14276	45,51
	14118A	45	14277	49
	14120A	45	14283	45
	14123A	47		
	14125	47		
	14130	49		
	14131	49		
	14136A	51		
	14137A	51		
	14138A	51		
	14139	51		
15000	15100	41,43	15243	41
	15101	41,43	15245	41,43,45,47
	15102	43	15250	43
	15103	43	15250R	43
	15106	43	15250X	43
	15112	43		
	15113	43		
	15116	45		
	15117	45		
	15118	47		
	15119	47		
	15120	47		
	15123	47		
	15125	47		
	15126	47		

Series No.	Cone (Inner ring)	Page	Cup (Outer ring)	Page
15500	15572	41	15520	41,43
	15578	41	15523	43
	15579X	43		
	15580	43		
	15590	43		
16000	16131	49	16282	53,55
	16137	51	16283	55
	16143	53	16284	49,51,53,55
	16150	55		
	16151	55		
17000	17098	41	17244	41,45
	17098X	41		
	17118	45		
	17118S	45		
	17119	45		
17500R	17580R	39	17520	39
17800	17887	65	17831	65
18000	18200	69	18337	69
18500	18587	57	18520	57,59
	18590	59		
	18591	59		
18600	18685	61	18620	61,65
	18690	65		
18700	18780	65	18720	65
	18790	69	18721	69
			18723	69
			18724	69
19000R	19138R	51	19268	51,53
	19143R	53	19268X	55
	19150R	55	19269	55
			19281	53,55
			19282	55
			19283	53,55
21000	21063	39	21212	39
	21075	39	21213	39
	21078	39		
L21500	L21549	39	L21511	39
23000	23092	103	23256	103
	23098	103		
	23100	103		
23600	23685	49	23620	49,51
	23690	51	23621	53
	23691	53	23623	53
24700R	24780R	59	24720	59
	24781R	59	24721	59
			24722	59

TS type
d 34.925 ~ (34.980) mm
1.3750 ~ (1.3772) inch



$P = XF_r + YF_a$ $P_0 = 0.5 F_r + Y_0 F_a$ or $P_0 = F_r$			
$F_a / F_r \leq e$		$F_a / F_r > e$	
X	Y	X	Y
1	0	0.4	Y_1

Note) The Values of “e” “Y₁” and “Y₀” are given in the table below.

Boundary dimensions												Basic load ratings (kN)		Fatigue load limit		Bearing No.		Load center		Mounting dimensions						Con- stant	Axial load factors		Reference rating (kN)		Factor				
<i>d</i>		<i>D</i>		<i>T</i>		<i>B</i>		<i>C</i>		<i>r</i> ¹⁾ (min.)		<i>r</i> ₁ ¹⁾ (min.)		<i>C</i> _r	<i>C</i> _{0r}	(kN) <i>C</i> _u		Cone (Inner ring)	Cup (Outer ring)	<i>a</i>	<i>d</i> _a		<i>d</i> _b		<i>D</i> _a		<i>D</i> _b		<i>e</i>	<i>Y</i> ₁	<i>Y</i> ₀	(500 rpm for 3 000 Hrs.) Radial Axial		<i>K</i>	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch							mm	inch	mm	inch	mm	inch	mm	inch								
34.925	1.3750	65.088	2.5625	18.034	0.7100	18.288	0.7200	13.970	0.5500	SP	SP	1.2	0.05	60.0	58.5	8.40		LM48548	LM48510	14.3	0.56	46.0	1.81	40.0	1.57	58.0	2.28	61.0	2.40	0.38	1.59	0.88	13.8	8.90	1.55
	1.3750	68.956	2.7148	19.845	0.7813	19.583	0.7710	15.875	0.6250	1.6	0.06	3.2	0.13	57.7	55.0	7.95		14137A	14274A	15.5	0.61	42.0	1.65	40.0	1.57	59.0	2.32	63.0	2.48	0.38	1.57	0.86	13.4	8.70	1.53
	1.3750	68.956	2.7148	19.845	0.7813	19.583	0.7710	15.875	0.6250	3.6	0.14	3.2	0.13	57.7	55.0	7.95		14138A	14274A	15.5	0.61	46.0	1.81	40.0	1.57	59.0	2.32	63.0	2.48	0.38	1.57	0.86	13.4	8.70	1.53
	1.3750	69.012	2.7170	26.982	1.0623	26.721	1.0520	15.875	0.6250	0.8	0.03	1.2	0.05	57.7	55.0	7.95		14136A	14276	22.6	0.89	40.0	1.57	38.0	1.50	60.0	2.36	63.0	2.48	0.38	1.57	0.86	13.4	8.70	1.53
	1.3750	72.233	2.8438	25.400	1.0000	25.400	1.0000	19.842	0.7812	2.4	0.09	2.4	0.09	83.8	87.4	12.4		HM88649	HM88610	20.7	0.81	48.5	1.91	42.5	1.67	60.0	2.36	69.0	2.72	0.55	1.10	0.60	19.6	18.3	1.07
	1.3750	72.238	2.8440	20.638	0.8125	20.638	0.8125	15.875	0.6250	3.6	0.14	1.2	0.05	62.3	61.3	8.90		16137	16284	16.6	0.65	46.5	1.83	40.5	1.59	63.0	2.48	67.0	2.64	0.40	1.49	0.82	14.4	9.90	1.46
	1.3750	73.025	2.8750	22.225	0.8750	22.225	0.8750	17.462	0.6875	3.6	0.14	3.2	0.13	68.8	65.7	9.55		02877	02820	18.4	0.72	48.5	1.91	42.0	1.65	62.0	2.44	68.0	2.68	0.45	1.32	0.73	16.0	12.4	1.29
	1.3750	73.025	2.8750	22.225	0.8750	22.225	0.8750	17.462	0.6875	3.6	0.14	0.8	0.03	68.8	65.7	9.55		02877	02830	18.4	0.72	48.5	1.91	42.0	1.65	64.0	2.52	69.0	2.72	0.45	1.32	0.73	16.0	12.4	1.29
	1.3750	73.025	2.8750	22.225	0.8750	22.225	0.8750	17.462	0.6875	0.8	0.03	3.2	0.13	68.8	65.7	9.55		02878	02820	18.4	0.72	42.5	1.67	42.0	1.65	62.0	2.44	68.0	2.68	0.45	1.32	0.73	16.0	12.4	1.29
	1.3750	73.025	2.8750	22.225	0.8750	23.812	0.9375	17.462	0.6875	3.6	0.14	3.2	0.13	80.3	78.1	11.5		2877	2820	16.3	0.64	47.5	1.87	41.0	1.61	62.0	2.44	68.0	2.68	0.37	1.63	0.89	18.6	11.7	1.59
	1.3750	73.025	2.8750	22.225	0.8750	23.812	0.9375	17.462	0.6875	0.8	0.03	0.8	0.03	80.3	78.1	11.5		2878	2821	16.3	0.64	42.5	1.67	41.0	1.61	65.0	2.56	68.0	2.68	0.37	1.63	0.89	18.6	11.7	1.59
	1.3750	73.025	2.8750	23.812	0.9375	24.608	0.9688	19.050	0.7500	1.6	0.06	0.8	0.03	90.1	87.3	13.1		25877R	25821	15.8	0.62	43.0	1.69	40.5	1.59	65.0	2.56	68.0	2.68	0.29	2.07	1.14	20.9	10.4	2.02
	1.3750	73.025	2.8750	23.812	0.9375	24.608	0.9688	19.050	0.7500	3.6	0.14	2.4	0.09	90.1	87.3	13.1		25878R	25820	15.8	0.62	47.0	1.85	40.5	1.59	64.0	2.52	68.0	2.68	0.29	2.07	1.14	20.9	10.4	2.02
	1.3750	73.025	2.8750	23.812	0.9375	25.654	1.0100	19.050	0.7500	5.2	0.20	0.8	0.03	92.6	92.2	13.8		2786R	2735X	15.9	0.63	51.0	2.01	41.0	1.61	66.0	2.60	69.0	2.72	0.30	1.98	1.09	21.5	11.1	1.93
	1.3750	73.025	2.8750	26.988	1.0625	26.975	1.0620	22.225	0.8750	3.6	0.14	1.6	0.06	97.2	94.1	13.9		23690	23620	18.8	0.74	49.0	1.93	42.0	1.65	64.0	2.52	68.0	2.68	0.37	1.62	0.89	22.6	14.2	1.58
	1.3750	76.200	3.0000	20.638	0.8125	20.940	0.8244	15.507	0.6105	1.6	0.06	1.2	0.05	71.6	65.9	9.70		28137	28300	16.5	0.65	43.5	1.71	41.0	1.61	68.0	2.68	71.0	2.80	0.40	1.49	0.82	16.5	11.3	1.46
	1.3750	76.200	3.0000	23.812	0.9375	25.654	1.0100	19.050	0.7500	0.8	0.03	1.6	0.06	92.6	92.2	13.8		2793R	2729X	15.9	0.63	42.0	1.65	41.0	1.61	67.0	2.64	70.0	2.76	0.30	1.98	1.09	21.5	11.1	1.93
	1.3750	76.200	3.0000	23.812	0.9375	25.654	1.0100	19.050	0.7500	3.6	0.14	3.2	0.13	92.6	92.2	13.8		2796R	2720	15.9	0.63	47.5	1.87	41.0	1.61	66.0	2.60	70.0	2.76	0.30	1.98	1.09	21.5	11.1	1.93
	1.3750	76.200	3.0000	29.370	1.1563	28.575	1.1250	23.020	0.9063	3.6	0.14	0.8	0.03	99.5	107	15.2		HM89446	HM89411	23.9	0.94	53.0	2.09	44.5	1.75	65.0	2.56	73.0	2.87	0.55	1.10	0.60	23.2	21.7	1.07
	1.3750	76.200	3.0000	29.370	1.1563	28.575	1.1250	23.812	0.9375	3.6	0.14	1.2	0.05	101	97.4	14.4		31593	31521	21.6	0.85	50.0	1.97	43.5	1.71	66.0	2.60	72.0	2.83	0.40	1.49	0.82	23.6	16.2	1.46
	1.3750	76.200	3.0000	29.370	1.1563	28.575	1.1250	23.812	0.9375	1.6	0.06	3.2	0.13	101	97.4	14.4		31594	31520	21.6	0.85	46.0	1.81	43.5	1.71	64.0	2.52	72.0	2.83	0.40	1.49	0.82	23.6	16.2	1.46
	1.3750	79.375	3.1250	29.370	1.1563	29.771	1.1721	23.812	0.9375	3.6	0.14	3.2	0.13	109	105	15.7		3478	3420	20.8	0.82	50.0	1.97	43.5	1.71	67.0	2.64	74.0	2.91	0.37	1.64	0.90	25.5	15.9	1.60
	1.3750	79.375	3.1250	29.370	1.1563	29.771	1.1721	23.812	0.9375	0.8	0.03	3.2	0.13	109	105	15.7		3482	3420	20.8	0.82	44.0	1.73	43.5	1.71	67.0	2.64	74.0	2.91	0.37	1.64	0.90	25.5	15.9	1.60
	1.3750	80.000	3.1496	21.000	0.8268	22.403	0.8820	17.826	0.7018	0.8	0.03	1.2	0.05	85.0	74.8	11.4		335	332	15.1	0.59	42.5	1.67	41.5	1.63	73.0	2.87	75.0	2.95	0.27	2.20	1.21	19.6	9.15	2.14
	1.3750	80.000	3.1496	21.000	0.8268	22.403	0.8820	17.826	0.7018	1.2	0.05	1.2	0.05	85.0	74.8	11.4		340	332	15.1	0.59	43.5	1.71	41.5	1.63	73.0	2.87	75.0	2.95	0.27	2.20	1.21	19.6	9.15	2.14
	1.3750	80.000	3.1496	21.000	0.8268	22.403	0.8820	17.826	0.7018	3.6	0.14	1.2	0.05	85.0	74.8	11.4		343	332	15.1	0.59	47.5	1.87	41.5	1.63	73.0	2.87	75.0	2.95	0.27	2.20	1.21	19.6	9.15	2.14
	1.3750	80.000	3.1496	24.176	0.9518	22.403	0.8820	21.000	0.8268	0.8	0.03	2.4	0.09	85.0	74.8	11.4		335	332A	18.3	0.72	42.5	1.67	4											