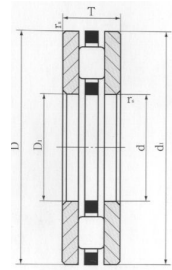
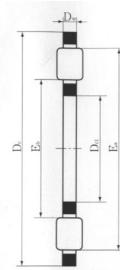


Thrust Cylindrical Roller Bearings
811,812 Series

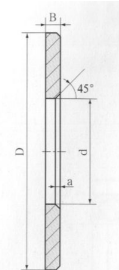
Thrust Bearing Washers
LS,GS,WS Series



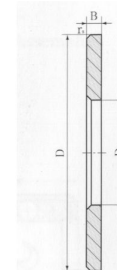
811,812



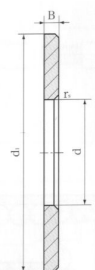
K811,K812



LS



GS811,GS812

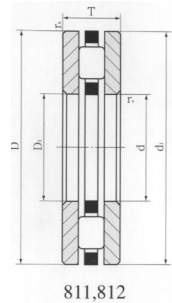


WS811,WS812

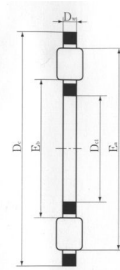
Shaft Diameter	Whole Set Bearings	Mass	Trust cylindrical roller and cage assemblies	Mass	Bearing washers	Housing washer	Shaft washer	Mass	Dimensions							Basic Load Rating		Limiting Speed
									D_{C1}	D_1	D_C	d_1	T	Dw	B	Cr(N)	Cor(N)	
	811,812	(g)	K811,K812	(g)	LS	GS	WS	(g)	D_{C1}	D_1	D_C	d_1	T	Dw	B	Cr(N)	Cor(N)	Oil
15	81102TN	24	K81102TN	6	LS1528	GS81102	WS81102	8	15	16	28	28	9	3.5	2.75	12500	26000	10000
17	81103TN	27	K81103TN	9	LS1730	GS81103	WS81103	9	17	18	30	30	9	3.5	2.75	13500	31000	9200
20	81104TN	37	K81104TN	13	LS2035	GS81104	WS81104	12	20	21	35	35	10	4.5	2.75	23000	51000	7800
25	81105TN	53	K81105TN	15	LS2542	GS81105	WS81105	19	25	26	42	42	11	5	3	32000	75000	6500
30	81106TN	57	K81106TN	17	LS3047	GS81106	WS81106	20	30	32	47	47	11	5	3	35000	85000	5400
	81206TN	123	K81206TN	33	--	GS81206	WS81206	45	30	32	52	52	16	7.5	4.25	62000	140000	5400
35	81107TN	73	K81107TN	19	LS3552	GS81107	WS81107	27	35	37	52	52	12	5	3.5	35000	100000	5000
	81207TN	195	K81207TN	43	--	GS81207	WS81207	76	35	37	62	62	18	7.5	5.25	75000	175000	4600
40	81108TN	105	K81108TN	31	LS4060	GS81108	WS81108	37	40	42	60	60	13	6	3.5	54000	140000	4500
	81208TN	249	K81208TN	81	--	GS81208	WS81208	84	40	42	68	68	19	9	5	105000	250000	4200
45	81109TN	130	K81109TN	35	LS4565	GS81109	WS81109	47	45	47	65	65	14	6	4	55000	150000	4200
	81209TN	287	K81209TN	85	--	GS81209	WS81209	101	45	47	73	73	20	9	5.5	100000	250000	3800
50	81110TN	140	K81110TN	38	LS5070	GS81110	WS81110	51	50	52	70	70	14	6	4	58000	165000	3800
	81210TN	356	K81210TN	98	--	GS81210	WS81210	129	50	52	78	78	22	9	6.5	110000	310000	3500
55	81111TN	218	K81111TN	45	LS5578	GS81111	WS81111	82	55	57	78	78	16	6	5	85000	280000	3500
	81211TN	568	K81211TN	166	--	GS81211	WS81211	201	55	57	90	90	25	11	7	145000	380000	3100
60	81112TN	266	K81112TN	82	LS6085	GS81112	WS81112	92	60	62	85	85	17	7.5	4.75	100000	310000	3100
	81212TN	642	K81212TN	176	--	GS81212	WS81212	233	60	62	95	95	26	11	7.5	165000	450000	3000

Thrust Cylindrical Roller Bearings
811,812 Series

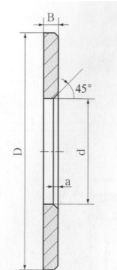
Thrust Bearing Washers
LS,GS,WS Series



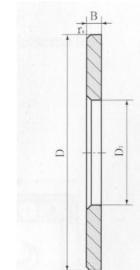
811,812



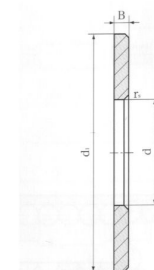
K811,K812



LS



GS811,GS812



WS811,WS812

Shaft Diameter	Whole Set Bearings	Mass	Trust cylindrical roller and cage assemblies	Mass	Bearing washers	Housing washer	Shaft washer	Mass	Dimensions							Basic Load Rating		Limiting Speed	
									D_{C1}	D_1	D_C	d_1	T	Dw	B	Cr(N)	Cor(N)		
	811,812	(g)	K811,K812	(g)	LS	GS	WS	(g)	d		D								Oil
65	81113TN	310	K81113TN	90	LS6590	GS81113	WS81113	110	65	67	90	90	18	7.5	5.25	105000	320000	3000	
	81213TN	721	K81213TN	185	--	GS81213	WS81213	268	65	67	100	100	27	11	8	150000	480000	2600	
70	81114TN	332	K81114TN	92	LS7095	GS81114	WS81114	120	70	72	95	95	18	7.5	5.25	110000	355000	2600	
	81214TN	768	K81214TN	212	--	GS81214	WS81214	278	70	72	105	105	27	11	8	165000	540000	2500	
75	81115TN	393	K81115TN	96	LS75100	GS81115	WS81115	136	75	77	100	100	19	7.5	5.75	10000	320000	2500	
	81215TN	800	K81215TN	195	--	GS81215	WS81215	293	75	77	110	110	27	11	8	155000	480000	2300	
80	81116TN	400	K81116TN	95	LS80105	GS81116	WS81116	144	80	82	105	105	19	7.5	5.75	104000	345000	2300	
	81216TN	900	K81216TN	234	--	GS81216	WS81216	333	80	82	115	115	28	11	8.5	200000	620000	2100	
85	81117TN	420	K81117TN	118	LS85110	GS81117	WS81117	151	85	87	110	110	19	7.5	5.75	110000	375000	2200	
	81217TN	1260	K81217TN	280	--	GS81217	WS81217	490	85	88	125	125	31	12	9.5	215000	650000	2100	
90	81118TN	620	K81118TN	150	LS90120	GS81118	WS81118	225	90	92	120	120	22	9	6.5	140000	450000	2100	
	81218TN	1770	K81218TN	542	--	GS81218	WS81218	614	90	93	135	135	35	14	10.5	280000	870000	1900	
100	81120TN	950	K81120TN	250	LS100135	GS81120	WS81120	350	100	102	135	135	25	11	7	195000	640000	1800	
	81220TN	2200	K81220TN	600	--	GS81220	WS81220	800	100	103	150	150	38	15	11.5	280000	830000	1700	

Note: TN=The allowable working temperature for plastic cage: 120°C (continuously); 150°C (temporarily); 180°C(for a shorttime).

1)You may be supplied with bigger sizes of bearings if needed.

2)Bearings lubricated by oil running under limited should be cooled,if lubricated by the allowable sped will be 25% of the value listed,if will get a higher value when the heat-sinking con