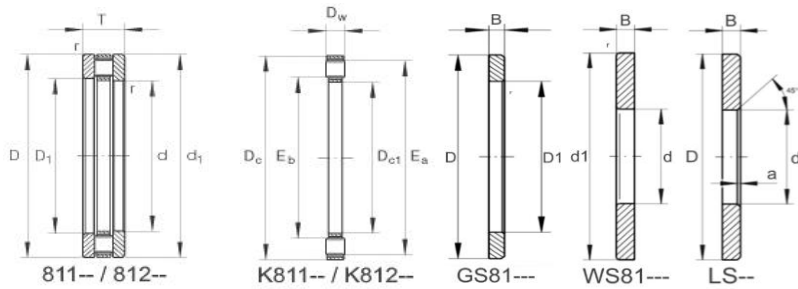
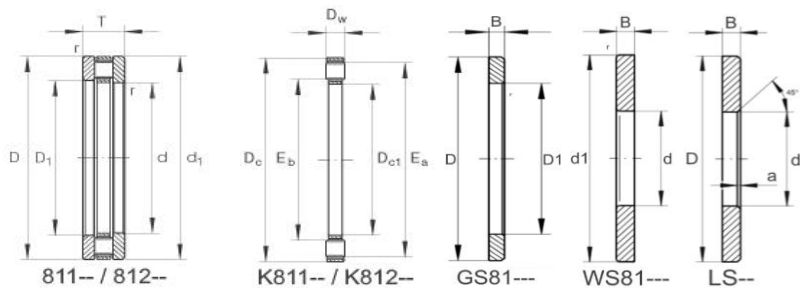


Shaft Diameter	Thrust cylindrical roller bearing		Thrust cylindrical roller bearing and retainer assembly		Washer Components				Dimension								Track size		Basic Load Ratings		Limiting Speed r/min
	Part Number	Weight (kg)	Axial Cylindrical Roller Cage Assembly	Weight (kg)	Housing Locating Washer	Shaft Locating Washer	Bearing washer	Weight (kg)	Dcl d	D1	Dc D	d1	T	Dw	B (Washer Width) WS/GS/LS	a r mm	Eb	Ea	Cr	Cor	
																			KN		
mm																					
15	81102	0.024	K81102	0.006	GS81102	WS81102	LS1528	0.010	15	16	28	28	9	3.5	2.75	0.3	16	27	14.4	28.5	13000
17	81103	0.027	K81103	0.009	GS81103	WS81103	LS1730	0.010	17	18	30	30	9	3.5	2.75	0.3	18	29	15.9	33.5	12000
20	81104	0.037	K81104	0.013	GS81104	WS81104	LS2035	0.012	20	21	35	35	10	4.5	2.75	0.3	21	34	24.9	53	10000
25	81105	0.053	K81105	0.015	GS81105	WS81105	LS2542	0.019	25	26	42	42	11	5	3	0.6	26	41	33.5	76	8500
30	81106	0.057	K81106	0.017	GS81106	WS81106	LS3047	0.020	30	32	47	47	11	5	3	0.6	31	46	35.5	86	7500
	81206	0.123	K81206	0.033	GS81206	WS81206		0.045	30	32	52	52	16	7.5	4.25	0.6	31	50	64	141	7000
35	81107	0.073	K81107	0.019	GS81107	WS81107	LS3552	0.027	35	37	52	52	12	5	3.5	0.6	36	51	39	101	6500
	81207	0.195	K81207	0.043	GS81207	WS81207		0.076	35	37	62	62	18	7.5	5.25	1	39	58	80	199	6000
40	81108	0.105	K81108	0.031	GS81108	WS81108	LS4060	0.037	40	42	60	60	13	6	3.5	0.6	42	58	56	148	6000
	81208	0.249	K81208	0.081	GS81208	WS81208		0.084	40	42	68	68	19	9	5	1	43	66	107	265	5500
45	81109	0.130	K81109	0.035	GS81109	WS81109	LS4565	0.047	45	47	65	65	14	6	4	0.6	47	63	59	163	5000
	81209	0.287	K81209	0.085	GS81209	WS81209		0.101	45	47	73	73	20	9	5.5	1	48	70	105	265	4900
50	81110	0.140	K81110	0.038	GS81110	WS81110	LS5070	0.051	50	52	70	70	14	6	4	0.6	52	68	61	177	4800
	81210	0.356	K81210	0.098	GS81210	WS81210		0.129	50	52	78	78	22	9	6.5	1	53	75	117	315	4500
55	81111	0.218	K81111	0.045	GS81111	WS81111	LS5578	0.082	55	57	78	78	16	6	5	0.6	57	77	90	300	4300
	81211	0.568	K81211	0.166	GS81211	WS81211		0.201	55	57	90	90	25	11	7	1	59	85	154	405	4000
60	81112	0.266	K81112	0.082	GS81112	WS81112	LS6085	0.092	60	62	85	85	17	7.5	4.75	1	62	82	103	315	4000
	81212	0.642	K81212	0.176	GS81212	WS81212		0.233	60	62	95	95	26	11	7.5	1	64	91	172	480	3700
65	81113	0.310	K81113	0.090	GS81113	WS81113	LS6590	0.110	65	67	90	90	18	7.5	5.25	1	67	87	107	340	3700
	81213	0.721	K81213	0.185	GS81213	WS81213		0.268	65	67	100	100	27	11	8	1	69	96	177	500	3500
70	81114	0.332	K81114	0.092	GS81114	WS81114	LS7095	0.120	70	72	95	95	18	7.5	5.25	1	72	92	111	365	3500
	81214	0.768	K81214	0.212	GS81214	WS81214		0.278	70	72	105	105	27	11	8	1	74	102	187	550	3300
75	81115	0.393	K81115	0.096	GS81115	WS81115	LS75100	0.136	75	77	100	100	19	7.5	5.75	1	78	97	107	350	3300
	81215	0.800	K81215	0.195	GS81215	WS81215		0.293	75	77	110	110	27	11	8	1	79	106	172	500	3100
80	81116	0.400	K81116	0.095	GS81116	WS81116	LS80105	0.144	80	82	105	105	19	7.5	5.75	1	83	102	106	350	3100
	81216	0.900	K81216	0.234	GS81216	WS81216		0.333	80	82	115	115	28	11	8.5	1	84	112	201	630	3000
85	81117	0.420	K81117	0.118	GS81117	WS81117	LS85110	0.151	85	87	110	110	19	7.5	5.75	1	87	108	112	385	3000
	81217	1.260	K81217	0.280	GS81217	WS81217		0.490	85	88	125	125	31	12	9.5	1	90	119	217	660	2700



Shaft Diameter	Thrust cylindrical roller bearing		Thrust cylindrical roller bearing and retainer assembly		Washer Components				Dimension								Track size		Basic Load Ratings		Limiting Speed r/min
	Part Number	Weight (kg)	Axial Cylindrical Roller Cage Assembly	Weight (kg)	Housing Locating Washer	Shaft Locating Washer	Bearing washer	Weight (kg)	Dcl d	D1	Dc D	d1	T	Dw	B (Washer Width) WS/GS/LS	a r mm	Eb	Ea	Cr	Cor	
																			KN		
mm																					
90	81118	0.620	K81118	0.150	GS81118	WS81118	LS90120	0.225	90	92	120	120	22	9	6.5	1	93	117	141	465	2700
	81218	1.770	K81218	0.542	GS81218	WS81218		0.614	90	93	135	135	35	14	10.5	1.1	95	129	290	890	2600
100	81120	0.950	K81120	0.250	GS81120	WS81120	LS100135	0.350	100	102	135	135	25	11	7	1	104	131	199	650	2500
	81220	2.200	K81220	0.600	GS81220	WS81220		0.800	100	103	150	150	38	15	11.5	1.1	107	142	340	1080	2300
110	81122	1.040	K81122	0.270	GS81122	WS81122	LS110145	0.385	110	112	145	145	25	11	7	1	114	141	207	700	2300
	81222	2.290	K81222	0.530	GS81222	WS81222		0.880	110	113	160	160	38	15	11.5	1.1	117	152	325	1030	2100
120	81124	1.120	K81124	0.290	GS81124	WS81124	LS120155	0.415	120	122	155	155	25	11	7	1	124	151	214	760	2100
	81224	2.540	K81224	0.580	GS81224	WS81224		0.980	120	123	170	170	39	15	12	1.1	127	162	340	1120	2000
130	81126	1.670	K81126	0.380	GS81126	WS81126	LS130170	0.643	130	132	170	170	30	12	9	1	135	165	250	900	1900
	81226	3.980	K81226	0.920	GS81226	WS81226		1.530	130	133	190	187	45	19	13	1.5	137	181	480	1520	1800
140	81128	1.900	K81128	0.400	GS81128	WS81128	LS140180	0.749	140	142	180	178	31	12	9.5	1	145	175	260	960	1800
	81228	4.567	K81228	1.197	GS81228	WS81228		1.634	140	143	200	197	46	19	13.5	1.5	147	191	455	1450	1700
150	81130	2.200	K81130	0.430	GS81130	WS81130	LS150190	0.796	150	152	190	188	31	12	9.5	1	155	185	270	1020	1700
	81230	5.886	K81230	1.520	GS81230	WS81230		2.180	150	153	215	212	50	21	14.5	1.5	158	211	590	1940	1600
160	81132	2.120	K81132	0.440	GS81132	WS81132	LS160200	0.842	160	162	200	198	31	12	9.5	1	165	195	270	1050	1600
	81232	7.960	K81232	3.360	GS81232	WS81232		2.300	160	163	225	222	51	21	15	1.5	168	220	600	2030	1500
170	81134	2.410	K81134	0.660	GS81134	WS81134		1.100	170	172	215	213	34	14	10	1.1	176	209	360	1380	1500
	81234	7.690	K81234	1.890	GS81234	WS81234		2.900	170	173	240	237	55	22	16.5	1.5	180	235	680	2340	1400
180	81136	3.040	K81136	0.800	GS81136	WS81136		1.100	180	183	225	222	34	14	10	1.1	185	219	340	1300	1400
	81236	8.240	K81236	1.980	GS81236	WS81236		3.130	180	183	250	247	56	22	17	1.5	190	245	690	2440	1300
190	81138	3.840	K81138	0.940	GS81138	WS81138		1.450	190	193	240	237	37	15	11	1.1	197	233	385	1500	1300
	81238	10.400	K81238	2.730	GS81238	WS81238		3.835	190	194	270	267	62	26	18	2	200	265	880	3000	1300
200	81140	4.000	K81140	0.980	GS81140	WS81140		1.510	200	203	250	247	37	15	11	1.1	206	243	390	1550	1300
	81240	11.910	K81240	3.090	GS81240	WS81240		4.410	200	204	280	277	62	26	18	2	210	275	900	3150	1200
220	81144	4.500	K81144	1.320	GS81144	WS81144		1.590	220	223	270	267	37	15	11	1.1	226	263	420	1730	1200
	81244	12.850	K81244	3.350	GS81244	WS81244		4.750	220	224	300	297	63	26	18.5	2	230	296	940	3450	1100
240	81148	7.250	K81148	2.110	GS81148	WS81148		2.570	240	243	300	297	45	18	13.5	1.5	248	296	600	2500	1100
	81248	21.950	K81248	5.650	GS81248	WS81248		8.150	240	244	340	335	78	32	23	2.1	261	335	1370	5000	1000



Shaft Diameter mm	Thrust cylindrical roller bearing		Thrust cylindrical roller bearing and retainer assembly		Washer Components				Dimension								Track size		Basic Load Ratings		Limiting Speed r/min
	Part Number	Weight (kg)	Axial Cylindrical Roller Cage Assembly	Weight (kg)	Housing Locating Washer	Shaft Locating Washer	Bearing washer	Weight (kg)	Dcl d	D1	Dc D	d1	T	Dw	B (Washer Width) WS/GS/LS	a r mm	Eb	Ea	Cr	Cor	
																			KN		
260	81152	7.830	K81152	2.300	GS81152	WS81152		2.765	260	263	320	317	45	18	13.5	1.5	268	316	620	2650	1000
	81252	23.900	K81252	6.100	GS81252	WS81252		8.900	260	264	360	355	79	32	23.5	2.1	280	353	1440	5400	950
280	81156	10.300	K81156	3.000	GS81156	WS81156		3.650	280	283	350	347	53	22	15.5	4.5	288	346	860	3650	900
	81256	25.900	K81256	6.400	GS81256	WS81256		9.750	280	284	380	375	80	32	24	2.1	300	373	1460	5600	850
300	81160	16.670	K81160	4.830	GS81160	WS81160		5.920	300	304	380	376	62	25	18.5	2	315	373	1060	4500	850
	81260	40.550	K81260	10.150	GS81260	WS81260		15.200	300	304	420	415	95	38	28.5	3	328	413	1930	7300	800
320	81164	17.820	K81164	5.120	GS81164	WS81164		6.350	320	324	400	396	63	25	19	2	334	394	1100	4750	800
	81264	42.500	K81264	5.120	GS81264	WS81264		42.300	320	325	440	435	95	38	28.5	3	348	434	1490	7050	585
360	81272	66.600	K81272	5.120	GS81272	WS81272		64.500	360	365	500	495	110	45	32.5	3	393	492	1980	9450	520

811-- & 812-- series are a complete assembly comprising of 1 of each: K81--- cage assembly, WS81--- housing washer and GS81--- shaft washer
Cages are normally PA66 Nylon or Brass, depending on the size - some are available in both types