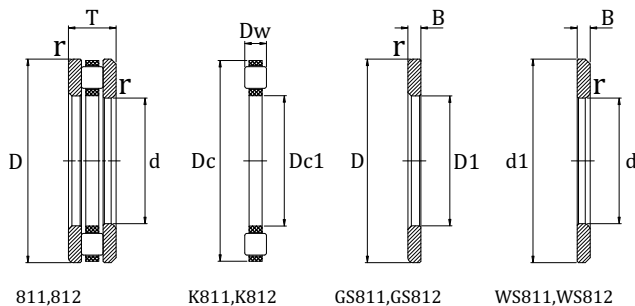
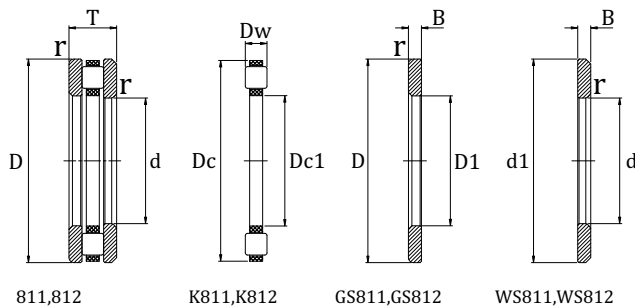


## Axial Cylindrical Roller Bearings



Designation			Dimensions								Basic Load Ratings	
Complete bearing	Housing Loacating Washer	Shaft Loacating Washer	Dc1 , d	D <sub>1</sub>	Dc, D	d <sub>1</sub>	T	DW	B	r	Dynamic	Static
											C <sub>r</sub>	C <sub>0r</sub>
											N	N
81102 - TV	GS 81102	WS 81102	15	16	28	28	9	3.5	2.75	0.3	12000	26500
81103 - TV	GS 81103	WS 81103	17	18	30	30	9	3.5	2.75	0.3	14000	31500
81104 - TV	GS 81104	WS 81104	20	21	35	35	10	4.5	2.75	0.3	19950	52100
81105 - TV	GS 81105	WS 81105	25	26	42	42	11	5.0	3.00	0.6	26600	74250
81106 - TV	GS 81106	WS 81106	30	32	47	47	11	5.0	3.00	0.6	28300	84150
81206 - TV	GS 81206	WS 81206	30	32	52	52	16	7.5	4.25	0.6	58000	139000
81107 - TV	GS 81107	WS 81107	35	37	52	52	12	5.0	3.50	0.6	30800	99000
81207 - TV	GS 81207	WS 81207	35	37	62	62	18	7.5	5.25	1.0	72000	197000
81108 - TV	GS 81108	WS 81108	40	42	60	60	13	6.0	3.50	0.6	44000	142550
81208 - TV	GS 81208	WS 81208	40	42	68	68	19	9.0	5.00	1.0	100000	260000
81109 - TV	GS 81109	WS 81109	45	47	65	65	14	6.0	4.00	0.6	46380	156800
81209 - TV	GS 81209	WS 81209	45	47	73	73	20	9.0	5.50	1.0	100000	260000
81110 - TV	GS 81110	WS 81110	50	52	70	70	14	6.0	4.00	0.6	48460	171050
81210 - TV	GS 81210	WS 81210	50	52	78	78	22	9.0	6.50	1.0	110000	310000
81111 - TV	GS 81111	WS 81111	55	57	78	78	16	6.0	5.00	0.6	71500	293000
81211 - TV	GS 81211	WS 81211	55	57	90	90	25	11.0	7.00	1.0	142000	400000
81112 - TV	GS 81112	WS 81112	60	62	85	85	17	7.5	4.75	1.0	90000	310000
81212 - TV	GS 81212	WS 81212	60	62	95	95	26	11.0	7.50	1.0	134700	455150
81113 - TV	GS 81113	WS 81113	65	67	90	90	18	7.5	5.25	1.0	92000	335000
81213 - TV	GS 81213	WS 81213	65	67	100	100	27	11.0	8.00	1.0	147000	495000
81114 - TV	GS 81114	WS 81114	70	72	95	95	18	7.5	5.25	1.0	95000	360000
81214 - TV	GS 81214	WS 81214	70	72	105	105	27	11.0	8.00	1.0	147900	527000
81115 - TV	GS 81115	WS 81115	75	77	100	100	19	7.5	5.75	1.0	94000	340000
81215 - TV	GS 81215	WS 81215	75	77	110	110	27	11.0	8.00	1.0	146000	490000
81116 - TV	GS 81116	WS 81116	80	82	105	105	19	7.5	5.75	1.0	95000	340000

## Axial Cylindrical Roller Bearings



Designation			Dimensions								Basic Load Ratings	
Complete bearing	Housing Loacating Washer	Shaft Loacating Washer	Dc1 , d	D <sub>1</sub>	Dc, D	d <sub>1</sub>	T	DW	B	r	Dynamic	Static
											C <sub>r</sub>	C <sub>0r</sub>
											min.	N
81216 - TV	GS 81216	WS 81216	80	82	115	115	28	11.0	8.50	1.0	185000	620000
81117 - TV	GS 81117	WS 81117	85	87	110	110	19	7.5	5.75	1.0	100000	380000
81217 - TV	GS 81217	WS 81217	85	88	125	125	31	12.0	9.50	1.0	198000	650000
81118 - TV	GS 81118	WS 81118	90	92	120	120	22	9.0	6.50	1.0	135000	455000
81218 - TV	GS 81218	WS 81218	90	93	135	135	35	14.0	10.50	1.1	252000	880000