

THIN-SECTION 61000 SERIES

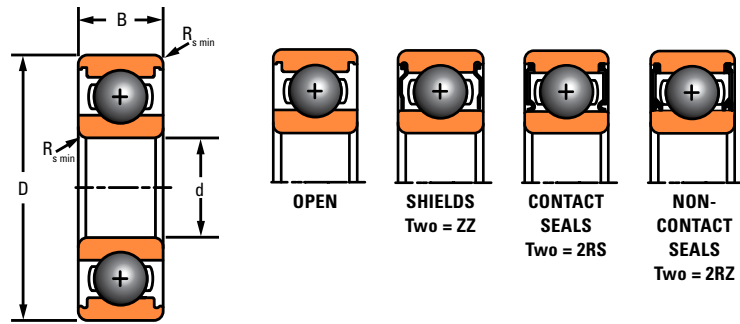


TABLE 11. THIN-SECTION 61000 SERIES

Bearing No.	Features			Boundary Dimensions				Load Ratings		Limiting Speed		Weight
Description				Bore d	O.D. D	Width B	Radius $R_{s \min}$	Dynamic C_r	Static C_{0r}	Grease	Oil	
	ZZ	2RS	2RZ	mm	mm	mm	mm	kN	kN	RPM	RPM	kg
61800		•		10	19	5	0.3	1.70	0.84	34000	40000	0.005
61900	•	•		10	22	6	0.3	2.70	1.30	31000	37000	0.009
61701				12	18	4	0.2	0.93	0.53	13000	15000	0.003
61801	•	•		12	21	5	0.3	1.90	1.00	30000	36000	0.005
61901	•	•		12	24	6	0.3	2.90	1.50	28000	33000	0.010
61702				15	21	4	0.2	0.94	0.58	11000	13000	0.003
61802	•	•		15	24	5	0.3	2.10	1.30	26000	31000	0.006
61902	•	•		15	28	7	0.3	4.30	2.30	24000	29000	0.015
61703				17	23	4	0.2	1.00	0.66	9500	11000	0.004
61803	•	•		17	26	5	0.3	2.20	1.50	24000	29000	0.007
61903	•	•		17	30	7	0.3	4.60	2.60	22000	26000	0.016
61704				20	27	4	0.2	1.00	0.72	8500	10000	0.005
61804	•	•		20	32	7	0.3	4.00	2.50	21000	25000	0.016
61904	•	•		20	37	9	0.3	6.40	3.70	19000	22000	0.033
61705				25	32	4	0.2	1.10	0.84	7000	8000	0.006
61805	•	•		25	37	7	0.3	4.30	2.90	18000	21000	0.020
61905	•	•		25	42	9	0.3	7.00	4.60	16000	19000	0.039
61706				30	37	4	0.2	1.10	0.95	5500	7000	0.007
61806	•	•		30	42	7	0.3	4.50	3.40	15000	18000	0.023
61906	•	•		30	47	9	0.3	7.20	5.00	14000	17000	0.044
61707				35	44	5	0.3	1.90	1.60	4900	6000	0.014
61807	•	•		35	47	7	0.3	4.70	3.80	13000	16000	0.027
61907	•		•	35	55	10	0.6	10.90	7.80	12000	14000	0.069
61708				40	50	6	0.3	2.50	2.20	4300	5000	0.021
61808	•	•		40	52	7	0.3	4.90	4.20	12000	14000	0.029
61908	•	•		40	62	12	0.6	13.70	9.90	11000	13000	0.101
61709				45	55	6	0.3	2.60	2.40	3900	4600	0.023
61809	•	•		45	58	7	0.3	6.20	5.40	11000	13000	0.034
61909	•	•		45	68	12	0.6	14.10	10.90	10000	11000	0.123
61710				50	62	6	0.3	2.70	2.70	3500	4100	0.034
61810	•	•		50	65	7	0.3	6.20	5.80	9500	11000	0.047
61910	•	•		50	72	12	0.6	14.50	11.70	9000	11000	0.123
61811	•	•		55	72	9	0.3	8.80	8.10	8600	10000	0.075
61911		•		55	80	13	1.0	16.60	14.10	8100	9600	0.168
61812	•	•		60	78	10	0.3	11.50	10.60	7900	9400	0.094
61912		•		60	85	13	1.0	20.20	17.30	7500	8900	0.180
61813	•	•		65	85	10	0.6	11.90	11.50	7300	8600	0.118
61913				65	90	13	1.0	17.30	16.00	7000	8300	0.198
61826		•		130	165	18	1.1	37.90	42.90	3400	5000	0.780
61830				150	190	20	1.1	49.10	57.10	3000	3700	1.170

Speed ratings are for open bearings. Use 50 to 60 percent of the published speed ratings for bearings with contact seals.