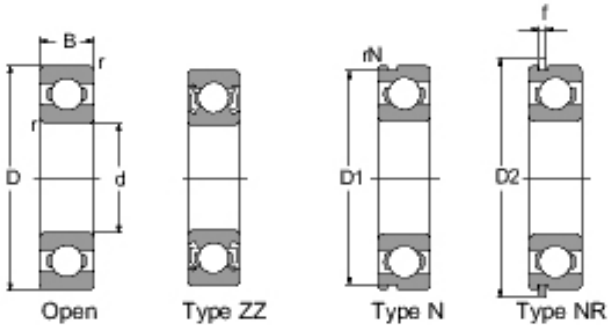
TURNUP







DEEP GROOVE BALL BEARING CATALOG

NOMENCLATURE

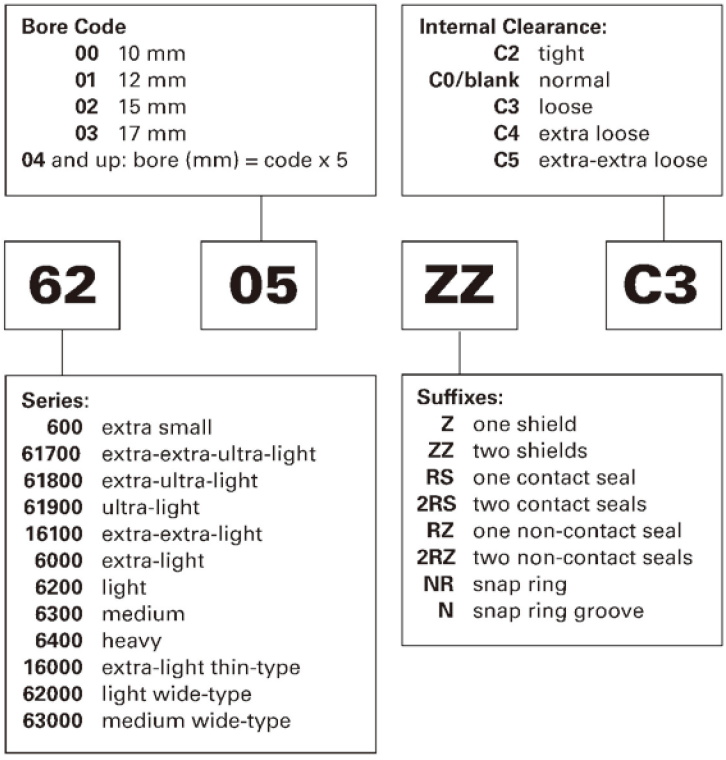


Fig. 3. Deep groove ball bearing nomenclature.

STANDARD 6000 SERIES

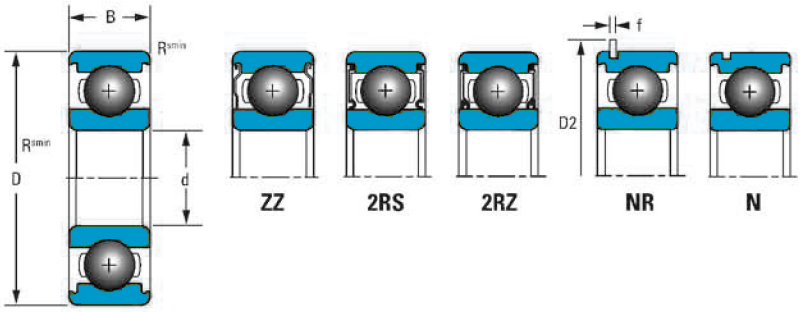


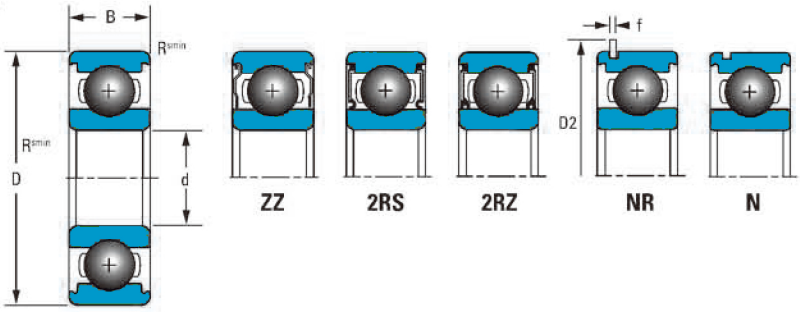
TABLE 10. STANDARD 6000 SERIES

Bearing No.						Boundary Dimensions						Load Ratings		Reference Speed		Weight
Description	Features					Bore	O.D.	Width	Radius			Dynamic	Static	Grease	Oil	
	Shields	Contact Seals	Non-Contact Seals	O.D. Groove	Snap Ring	d	D	B	$R_{s\,min}$	$D2_{max}$	f_{max}	C_r	C_{0r}			
						mm	mm	mm	mm	mm	mm	kN	kN	RPM	RPM	kg
6000	ZZ	2RS	2RZ	N	NR	10	26	8	0.3	29.2	0.70	4.60	2.00	26000	38000	0.020
6200	ZZ	2RS	2RZ	N	NR	10	30	9	0.6	34.7	1.12	5.10	2.40	22000	32000	0.030
6300	ZZ	2RS	2RZ	N	NR	10	35	11	0.6	39.7	1.12	8.10	3.40	20000	29000	0.050
6001	ZZ	2RS	2RZ	N	NR	12	28	8	0.3	30.8	0.85	5.00	2.40	23000	33000	0.020
6201	ZZ	2RS	2RZ	N	NR	12	32	10	0.6	36.7	1.12	6.80	3.00	21000	30000	0.040
6301	ZZ	2RS	2RZ	N	NR	12	37	12	1.0	41.3	1.12	9.70	4.20	19000	27000	0.060
6002	ZZ	2RS	2RZ	N	NR	15	32	9	0.3	36.7	1.12	5.60	2.80	20000	30000	0.030
6202	ZZ	2RS	2RZ	N	NR	15	35	11	0.6	39.7	1.12	7.60	3.70	19000	28000	0.050
6302	ZZ	2RS	2RZ	N	NR	15	42	13	1.0	46.3	1.12	11.30	5.40	16000	24000	0.080
6003	ZZ	2RS	2RZ	N	NR	17	35	10	0.3	39.7	1.12	6.00	3.30	19000	28000	0.040
6203	ZZ	2RS	2RZ	N	NR	17	40	12	0.6	44.6	1.12	9.60	4.80	17000	25000	0.070
6303	ZZ	2RS	2RZ	N	NR	17	47	14	1.0	52.7	1.12	13.50	6.60	15000	22000	0.120
6004	ZZ	2RS	2RZ	N	NR	20	42	12	0.6	46.3	1.12	9.40	5.00	17000	25000	0.070
6204	ZZ	2RS	2RZ	N	NR	20	47	14	1.0	52.7	1.12	12.80	6.60	15000	22000	0.100
6304	ZZ	2RS	2RZ	N	NR	20	52	15	1.1	57.9	1.12	15.90	7.90	13000	20000	0.140
6005	ZZ	2RS	2RZ	N	NR	25	47	12	0.6	52.7	1.12	10.10	5.80	14000	21000	0.080
6205	ZZ	2RS	2RZ	N	NR	25	52	15	1.0	57.9	1.12	14.00	7.90	14000	20000	0.130
6305	ZZ	2RS	2RZ	N	NR	25	62	17	1.1	67.7	1.70	22.40	11.50	12000	17000	0.220
6405	–	–	–	N	NR	25	80	21	1.5	86.6	1.70	36.10	18.80	10000	15000	0.530
6006	ZZ	2RS	2RZ	N	NR	30	55	13	1.0	60.7	1.12	13.20	8.30	12000	18000	0.110
6206	ZZ	2RS	2RZ	N	NR	30	62	16	1.0	67.7	1.70	19.50	11.30	11000	16000	0.200
6306	ZZ	2RS	2RZ	N	NR	30	72	19	1.1	78.6	1.70	26.60	15.00	10000	15000	0.350
6406	–	–	–	N	NR	30	90	23	1.5	96.5	2.46	47.30	24.50	9300	13000	0.740
6007	ZZ	2RS	2RZ	N	NR	35	62	14	1.0	67.7	1.70	16.00	10.30	11000	16000	0.150
6207	ZZ	2RS	2RZ	N	NR	35	72	17	1.1	78.6	1.70	25.60	15.30	10000	14000	0.290
6307	ZZ	2RS	2RZ	N	NR	35	80	21	1.5	86.6	1.70	33.30	19.20	9300	13000	0.450
6407	–	–	–	N	NR	35	100	25	1.5	106.5	2.46	55.50	29.40	8500	12000	0.950
6008	ZZ	2RS	2RZ	N	NR	40	68	15	1.0	74.6	1.70	16.80	11.50	10000	15000	0.190
6208	ZZ	2RS	2RZ	N	NR	40	80	18	1.1	86.6	1.70	29.10	17.90	8800	13000	0.370
6308	ZZ	2RS	2RZ	N	NR	40	90	23	1.5	96.5	2.46	40.70	23.90	8500	12000	0.640
6408	–	–	–	N	NR	40	110	27	2.0	116.6	2.46	63.70	34.60	7800	11000	1.250
6009	ZZ	2RS	2RZ	N	NR	45	75	16	1.0	81.6	1.70	21.00	14.80	9100	13000	0.230
6209	ZZ	2RS	2RZ	N	NR	45	85	19	1.1	91.6	1.70	31.70	20.50	8200	12000	0.420
6309	ZZ	2RS	2RZ	N	NR	45	100	25	1.5	106.5	2.46	48.80	29.40	7800	11000	0.840
6409	–	–	–	N	NR	45	120	29	2.0	129.7	2.82	77.20	45.20	7200	10000	1.550
6010	ZZ	2RS	2RZ	N	NR	50	80	16	1.0	86.6	1.70	21.80	16.30	8300	12000	0.250
6210	ZZ	2RS	2RZ	N	NR	50	90	20	1.1	96.5	2.46	35.10	23.20	7700	11000	0.460
6310	ZZ	2RS	2RZ	N	NR	50	110	27	2.0	116.6	2.46	57.50	35.40	7200	10000	1.050
6410	–	–	–	N	NR	50	130	31	2.1	139.7	2.82	83.10	49.40	6800	9700	1.900
6011	ZZ	2RS	2RZ	N	NR	55	90	18	1.1	96.5	2.46	28.30	21.30	7800	11000	0.360
6211	ZZ	2RS	2RZ	N	NR	55	100	21	1.5	106.5	2.46	43.40	29.20	7000	10000	0.610
6311	ZZ	2RS	2RZ	N	NR	55	120	29	2.0	129.7	2.82	71.50	44.60	6700	10000	1.350
6411	–	–	–	N	NR	55	140	33	2.1	149.7	2.82	100.70	62.40	6300	9100	2.300

Most bearings in the 6000, 6200 and 6300 series up to 60 mm bore also can be made available in stainless steel (AISI 440C material).

Continued on next page.

STANDARD 6000 SERIES – *continued*



Continued from Table 10.

Bearing No.						Boundary Dimensions						Load Ratings		Reference Speed		
Description	Features					Bore	O.D.	Width	Radius			Dynamic	Static	Grease	Oil	Weight
	Shields	Contact Seals	Non-Contact Seals	O.D. Groove	Snap Ring	d	D	B	$R_{s\,min}$	$D2_{max}$	f_{max}	C_r	C_{or}			
						mm	mm	mm	mm	mm	mm	kN	kN	RPM	RPM	kg
6012	ZZ	2RS	2RZ	N	NR	60	95	18	1.1	101.6	2.46	29.40	23.20	7200	10000	0.390
6212	ZZ	2RS	2RZ	N	NR	60	110	22	1.5	116.6	2.46	47.70	32.90	6500	9300	0.780
6312	ZZ	2RS	2RZ	N	NR	60	130	31	2.1	139.7	2.82	81.80	52.00	6300	9100	1.700
6412	–	–	–	N	NR	60	150	35	2.1	159.7	2.82	109.00	70.10	6000	8600	2.730
6013	ZZ	2RS	2RZ	N	NR	65	100	18	1.1	106.5	2.46	30.50	24.80	6700	9700	0.430
6213	ZZ	2RS	2RZ	N	NR	65	120	23	1.5	129.7	2.82	57.20	40.00	6000	8600	0.990
6313	ZZ	2RS	2RZ	N	NR	65	140	33	2.1	149.7	2.82	92.60	59.70	6000	8600	2.100
6413	–	–	–	N	NR	65	160	37	2.1	169.7	2.82	118.00	78.60	5700	8200	3.300
6014	ZZ	2RS	2RZ	N	NR	70	110	20	1.1	116.6	2.46	38.10	30.40	6400	9300	0.570
6214	ZZ	2RS	2RZ	N	NR	70	125	24	1.5	134.7	2.82	60.80	44.00	5700	8300	1.100
6314	ZZ	2RS	2RZ	N	NR	70	150	35	2.1	159.7	2.82	104.00	68.00	5700	8200	2.500
6015	ZZ	2RS	2RZ	N	NR	75	115	20	1.1	121.6	2.46	39.50	33.20	6000	8700	0.600
6215	ZZ	2RS	2RZ	N	NR	75	130	25	1.5	139.7	2.82	66.10	48.20	5500	8000	1.200
6315	ZZ	2RS	2RZ	N	NR	75	160	37	2.1	169.7	2.82	113.40	76.90	5400	7800	3.000
6016	ZZ	2RS	2RZ	N	NR	80	125	22	1.1	134.7	2.82	47.50	39.70	5800	8400	0.820
6216	ZZ	2RS	2RZ	N	NR	80	140	26	2.0	149.7	2.82	71.50	53.00	5200	7500	1.400
6316	ZZ	2RS	2RZ	N	NR	80	170	39	2.1	182.9	3.10	122.90	86.50	5200	7500	3.600
6017	ZZ	2RS	2RZ	N	NR	85	130	22	1.1	139.7	2.82	49.50	42.80	5400	7900	0.850
6217	ZZ	2RS	2RZ	N	NR	85	150	28	2.0	159.7	2.82	83.20	61.90	5000	7200	1.800
6317	ZZ	2RS	2RZ	N	NR	85	180	41	3.0	192.9	3.10	132.70	96.50	5000	7200	4.250
6018	ZZ	2RS	2RZ	N	NR	90	140	24	1.5	149.7	2.82	58.00	49.60	5300	7600	1.120
6218	ZZ	2RS	2RZ	N	NR	90	160	30	2.0	169.7	2.82	96.00	71.50	4800	6900	2.150
6318	ZZ	2RS	2RZ	N	NR	90	190	43	3.0	202.9	3.10	142.60	107.20	4800	6900	4.900
6019	ZZ	2RS	2RZ	N	NR	95	145	24	1.5	154.7	2.82	57.70	50.00	5000	7300	1.180
6219	ZZ	2RS	2RZ	N	NR	95	170	32	2.1	182.9	3.10	108.70	81.70	4700	6700	2.600
6319	ZZ	2RS	2RZ	N	NR	95	200	45	3.0	212.9	3.10	152.70	118.40	4600	6600	5.750
6020	ZZ	2RS	2RZ	N	NR	100	150	24	1.5	159.7	2.82	60.10	54.20	4800	6900	1.250
6220	ZZ	2RS	2RZ	N	NR	100	180	34	2.1	192.9	3.10	122.00	92.70	4500	6500	3.200
6320	ZZ	2RS	2RZ	N	NR	100	215	47	3.0	227.8	3.10	173.20	140.90	4400	6200	6.980
6021	ZZ	2RS	2RZ	N	NR	105	160	26	2.0	169.7	2.82	69.20	61.20	4700	6800	1.600
6221	ZZ	2RS	2RZ	N	NR	105	190	36	2.1	202.9	3.10	133.00	104.00	4400	6300	3.710
6321	ZZ	2RS	2RZ	N	NR	105	225	49	3.0	214.3	3.50	183.70	153.10	4200	6000	8.110
6022	ZZ	2RS	2RZ	N	NR	110	170	28	2.0	182.9	3.10	81.90	72.80	4600	6600	1.930
6222	ZZ	2RS	2RZ	N	NR	110	200	38	2.1	212.9	3.10	144.00	117.00	4300	6100	4.440
6322	ZZ	2RS	2RZ	N	NR	110	240	50	3.0	252.0	3.50	205.40	179.40	3900	5500	9.480
6024	ZZ	2RS	2RZ	N	NR	120	180	28	2.0	192.9	3.10	84.90	79.20	4200	6100	2.030
6224	ZZ	2RS	2RZ	N	NR	120	215	40	2.1	227.8	3.10	155.30	131.10	4000	5700	5.160
6026	ZZ	2RS	2RZ	N	NR	130	200	33	2.0	212.9	3.10	105.00	96.80	4100	5900	3.150
6226	ZZ	2RS	2RZ	N	NR	130	230	40	3.0	242.0	3.50	166.80	146.30	3700	5200	5.850
6028	ZZ	2RS	2RZ	N	NR	140	210	33	2.0	222.8	3.10	110.00	108.60	3800	5500	3.500
6228	ZZ	2RS	2RZ	N	NR	140	250	42	3.0	262.0	3.50	165.00	125.00	3500	5000	7.450
6030	ZZ	2RS	2RZ	N	NR	150	225	35	2.1	237.0	3.50	125.00	126.00	3600	5200	4.900
6032	ZZ	2RS	2RZ	–	–	160	240	38	2.1	–	–	137.00	135.00	3500	5100	5.150

Most bearings in the 6000, 6200 and 6300 series up to 60 mm bore also can be made available in stainless steel (AISI 440C material).

61000 THIN-SECTION SERIES

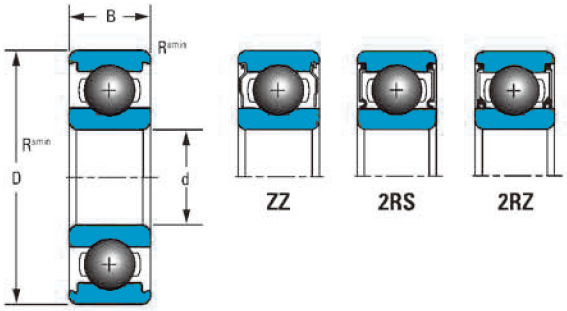


TABLE 11. 61000 THIN-SECTION SERIES

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

The bearing sizes listed above also can be made available in stainless steel (AISI 440C material).

16000 NARROW SERIES

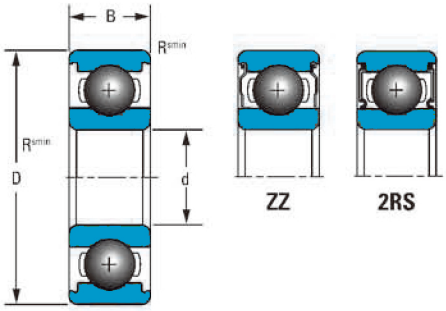


TABLE 12. 16000 NARROW SERIES

Bearing No.			Boundary Dimensions				Load Ratings		Limiting Speed		Weight
Description	Features		Bore	O.D.	Width	Radius	Dynamic	Static	Grease	Oil	
	Shields	Contact Seals	d	D	B	$R_{s\ min}$	C_r	C_{0r}			
			mm	mm	mm	mm	kN	kN	RPM	RPM	kg
16100	ZZ	–	10	28	8	0.3	4.60	2.00	25000	37000	0.022
16101	ZZ	2RS	12	30	8	0.3	5.10	2.40	22000	33000	0.024
16002	ZZ	–	15	32	8	0.3	5.60	2.80	19000	27000	0.027
16003	ZZ	–	17	35	8	0.3	6.00	3.30	17000	24000	0.030
16004	–	–	20	42	8	0.3	7.90	4.50	13000	20000	0.050
16005	ZZ	–	25	47	8	0.3	8.90	5.60	11000	16000	0.060
16006	–	–	30	55	9	0.3	11.20	7.40	10000	14000	0.080
16007	–	–	35	62	9	0.3	12.20	8.80	8400	12000	0.100
16008	–	–	40	68	9	0.3	12.60	9.70	7400	11000	0.130
16009	–	–	45	75	10	0.6	15.50	12.30	6900	10000	0.170
16010	–	–	50	80	10	0.6	16.00	13.20	6300	9100	0.180
16011	–	–	55	90	11	0.6	19.40	16.30	5800	8500	0.260
16012	–	–	60	95	11	0.6	19.90	17.60	5400	7800	0.220
16013	–	–	65	100	11	0.6	17.20	15.90	5000	7300	0.290
16014	–	–	70	110	13	0.6	26.80	23.60	5000	7200	0.430
16015	–	–	75	115	13	0.6	27.50	25.30	4600	6700	0.450
16016	–	–	80	125	14	0.6	31.70	29.70	4400	6400	0.590
16017	–	–	85	130	14	0.6	32.60	31.60	4200	6100	0.570
16018	–	–	90	140	16	1.0	39.90	37.00	4200	6100	0.670
16019	–	–	95	145	16	1.0	42.70	41.90	3900	5700	0.710
16020	–	–	100	150	16	1.0	43.80	44.30	3800	5400	0.740
16021	–	–	105	160	18	1.0	51.80	50.60	3800	5400	1.000
16022	–	–	110	170	19	1.0	57.40	56.70	3600	5300	1.300
16024	–	–	120	180	19	1.0	58.80	60.40	3300	4800	1.400
16026	–	–	130	200	22	1.1	79.70	79.20	3200	4700	1.900
16028	–	–	140	210	22	1.1	82.10	85.00	3000	4400	2.000
16030	–	–	150	225	24	1.1	91.90	98.50	2900	4200	2.600
16032	–	–	160	240	25	1.5	99.00	108.00	2800	4000	4.200

62000-63000 WIDE SERIES

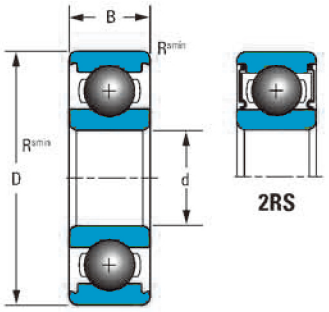


TABLE 13. 62000-63000 WIDE SERIES

Bearing No.		Boundary Dimensions				Load Ratings		Limiting Speed		
Description	Contact Seals	Bore d	O.D. D	Width B	Radius $R_{s\ min}$	Dynamic C_r	Static C_{0r}	Grease	Oil	Weight
		mm	mm	mm	mm	kN	kN	RPM	RPM	kg
62200	2RS	10	30	14	0.6	6.00	2.60	29000	42000	0.040
62300	2RS	10	35	17	0.6	8.10	3.40	26000	38000	0.070
63000	2RS	10	26	12	0.3	4.60	2.00	33000	49000	0.030
62201	2RS	12	32	14	0.6	6.90	3.10	26000	37000	0.050
62301	2RS	12	37	17	1.0	9.70	4.20	23000	34000	0.080
63001	2RS	12	28	12	0.3	5.10	2.40	29000	43000	0.030
62202	2RS	15	35	14	0.6	7.70	3.80	22000	32000	0.050
62302	2RS	15	42	17	1.0	11.30	5.40	19000	28000	0.100
63002	2RS	15	32	13	0.3	5.60	2.80	25000	37000	0.040
62203	2RS	17	40	16	0.6	9.60	4.80	20000	30000	0.080
62303	2RS	17	47	19	1.0	13.60	6.60	18000	26000	0.140
63003	2RS	17	35	14	0.3	6.00	3.30	23000	34000	0.050
62204	2RS	20	47	18	1.0	12.80	6.60	18000	26000	0.120
62304	2RS	20	52	21	1.1	15.90	7.90	17000	24000	0.140
63004	2RS	20	42	16	0.6	9.40	5.00	20000	30000	0.090
62205	2RS	25	52	18	1.0	14.00	7.90	15000	22000	0.150
62305	2RS	25	62	24	1.1	23.60	12.10	14000	21000	0.300
63005	2RS	25	47	16	0.6	10.10	5.80	17000	25000	0.100
62206	2RS	30	62	20	1.0	19.50	11.30	13000	19000	0.230
62306	2RS	30	72	27	1.1	28.20	15.80	13000	18000	0.470
63006	2RS	30	55	19	1.0	13.20	8.30	15000	23000	0.150
62207	2RS	35	72	23	1.1	25.70	15.30	12000	17000	0.370
62307	2RS	35	80	31	1.5	33.30	19.20	12000	17000	0.620
63007	2RS	35	62	20	1.0	16.00	10.30	14000	20000	0.200
62208	2RS	40	80	23	1.1	29.10	17.90	10000	15000	0.440
62308	2RS	40	90	33	1.5	40.70	23.90	11000	15000	0.850
63008	2RS	40	68	21	1.0	16.80	11.60	12000	18000	0.240
62209	2RS	45	85	23	1.1	32.70	20.50	9300	13000	0.460
62309	2RS	45	100	36	1.5	37.20	26.30	9800	14000	1.100
62210	2RS	50	90	23	1.1	35.10	23.20	8500	12000	0.470
62310	2RS	50	110	40	2.0	47.60	35.70	9200	13000	1.500
62211	2RS	55	100	25	1.5	43.40	29.20	7800	11000	0.680
62311	2RS	55	120	43	2.0	71.50	45.00	8600	12000	2.000
62212	2RS	60	110	28	1.5	47.50	32.50	7500	11000	1.000
62312	2RS	60	130	46	2.1	81.80	51.90	8100	12000	2.500
62213	2RS	65	120	31	1.5	55.90	40.50	7200	10000	1.300
62214	2RS	70	125	31	1.5	60.50	45.50	6700	9700	1.400

EXTRA-SMALL 600 SERIES

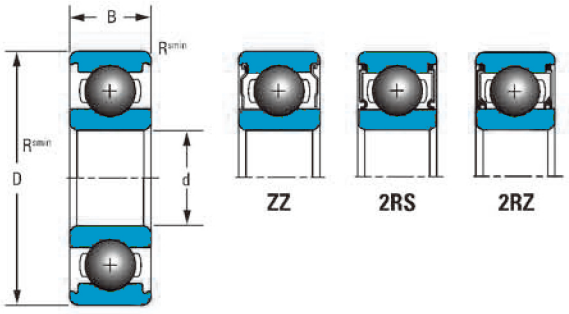


TABLE 14. EXTRA-SMALL 600 SERIES

Bearing No.				Boundary Dimensions				Load Ratings		Limiting Speed		Weight
Description	Features			Bore	O.D.	Width	Radius	Dynamic	Static	Grease	Oil	
	Shields	Contact Seals	Non-Contact Seals	d	D	B	$R_{s\ min}$	C_r	C_{0r}			
				mm	mm	mm	mm	kN	kN	RPM	RPM	kg
618/3	ZZ	2RS	2RZ	3	7	2	0.10	0.31	0.11	74000	88000	0.0003
619/3	ZZ	2RS	–	3	8	3	0.15	0.56	0.18	70000	82000	0.0006
603	ZZ	–	–	3	9	3	0.15	0.57	0.19	66000	78000	0.0009
623	ZZ	2RS	2RZ	3	10	4	0.15	0.63	0.22	66000	78000	0.0016
633	ZZ	2RS	2RZ	3	13	5	0.20	1.30	0.49	51000	60000	0.0030
618/4	ZZ	2RS	2RZ	4	9	2.5	0.10	0.64	0.23	63000	75000	0.0006
619/4	ZZ	2RS	2RZ	4	11	4	0.15	1.00	0.35	57000	67000	0.0017
604	ZZ	2RS	2RZ	4	12	4	0.20	1.00	0.35	57000	67000	0.0020
624	ZZ	2RS	2RZ	4	13	5	0.20	1.30	0.49	51000	60000	0.0027
634	ZZ	2RS	2RZ	4	16	5	0.30	1.30	0.52	46000	54000	0.0050
618/5	ZZ	2RS	2RZ	5	11	3	0.15	0.72	0.28	54000	64000	0.0012
619/5	ZZ	2RS	2RZ	5	13	4	0.20	1.10	0.43	50000	59000	0.0021
605	ZZ	2RS	2RZ	5	14	5	0.20	1.30	0.51	48000	56000	0.0030
625	ZZ	2RS	2RZ	5	16	5	0.30	1.70	0.67	44000	52000	0.0040
635	ZZ	2RS	2RZ	5	19	6	0.30	2.30	0.89	38000	45000	0.0080
618/6	ZZ	2RS	2RZ	6	13	3.5	0.15	1.10	0.44	48000	56000	0.0019
619/6	ZZ	2RS	2RZ	6	15	5	0.20	1.30	0.52	46000	54000	0.0040
606	ZZ	2RS	2RZ	6	17	6	0.30	2.30	0.84	42000	49000	0.0050
626	ZZ	2RS	2RZ	6	19	6	0.30	2.30	0.89	38000	45000	0.0070
636	ZZ	2RS	2RZ	6	22	7	0.30	3.30	1.40	33000	39000	0.0120
618/7	ZZ	2RS	2RZ	7	14	3.5	0.15	1.20	0.51	44000	52000	0.0020
619/7	ZZ	2RS	2RZ	7	17	5	0.30	1.60	0.72	40000	47000	0.0050
607	ZZ	2RS	2RZ	7	19	6	0.30	2.30	0.89	38000	45000	0.0070
627	ZZ	2RS	2RZ	7	22	7	0.30	3.30	1.40	33000	39000	0.0120
637	ZZ	2RS	2RZ	7	26	9	0.30	4.60	2.00	28000	33000	0.0220
618/8	ZZ	2RS	2RZ	8	16	4	0.20	1.30	0.59	40000	47000	0.0032
619/8	ZZ	2RS	2RZ	8	19	6	0.30	2.20	0.91	37000	44000	0.0060
608	ZZ	2RS	2RZ	8	22	7	0.30	3.30	1.40	33000	39000	0.0110
628	ZZ	2RS	2RZ	8	24	8	0.30	3.30	1.40	31000	37000	0.0170
638	ZZ	2RS	2RZ	8	28	9	0.30	4.60	2.00	28000	33000	0.0270
618/9	ZZ	2RS	2RZ	9	17	4	0.20	1.30	0.66	37000	44000	0.0034
619/9	ZZ	2RS	2RZ	9	20	6	0.30	2.50	1.10	35000	42000	0.0070
609	ZZ	2RS	2RZ	9	24	7	0.30	3.40	1.40	30000	36000	0.0130
629	ZZ	2RS	2RZ	9	26	8	0.30	4.60	2.00	28000	33000	0.0180
639	ZZ	2RS	2RZ	9	30	10	0.60	5.10	2.40	25000	30000	0.0330

The bearing sizes listed above also can be made available in stainless steel (AISI 440C material).


TURNUP