

Deep Groove Ball Bearings

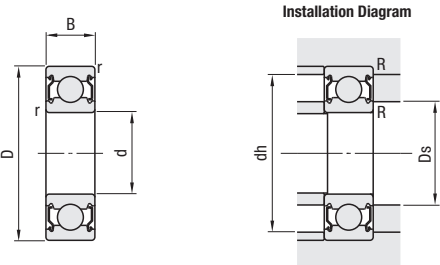
Double Shielded

Deep Groove Ball Bearings – Double Shielded



RoHS 10

B6__ZZ



Material: 52100 Bearing Steel
Bearing Accuracy JIS B 1514 Class 0

Part Number	d	D	B	r (min)	Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions				Mass (g) (Reference)
					Cr (Dynamic) kN	Cor (Static) kN		Ds		dh (max.)	R (max.)	
								(min)	(max.)			
B6700ZZ	10	15	4	0.2	0.85	0.43	15000	10.4	11.21	14.2	0.2	2
B6800ZZ		19	5	0.3	1.83	0.925	34000	12	12.5	17	0.3	5
B6900ZZ		22	6		2.70	1.27	32000		13	20		9
B6000ZZ		26	8		4.55	1.96	30000	12	13.5	24		19
B6200ZZ		30	9	0.6	5.10	2.39	24000	14	16	26	0.6	32
B6300ZZ	35	11	8.1		3.45	21000	14	16.5	31	52		
B6701ZZ	12	18	4	0.2	0.92	0.53	13000	12.4	13.86	16.7	0.2	3
B6801ZZ		21	5	0.3	1.92	1.04	32000	14	14.5	19	0.3	6
B6901ZZ		24	6		2.89	1.46	30000		15	22		11
B6001ZZ		28	8		5.10	2.39	27000	14	16	26		21
B6201ZZ		32	10	0.6	6.10	2.75	22000	16	17	28	0.6	37
B6301ZZ		37	12	1	9.7	4.2	19000	17	18	32	1.0	60
B6702ZZ	15	21	4	0.2	0.93	0.58	11000	15.4	16.86	19.7	0.2	4
B6802ZZ		24	5	0.3	2.08	1.26	27000	17	17.5	22	0.3	7
B6902ZZ		28	7		3.65	2.00	26000		26			16
B6002ZZ		32	9		5.60	2.83	23000	17	19	30		30
B6202ZZ		35	11	0.6	7.75	3.60	19000	19	20	31	0.6	45
B6302ZZ		42	13	1	11.4	5.45	17000	20	22.5	37	1.0	83
B6703ZZ	17	23	4	0.2	1.0	0.65	9500	17.4	18.86	21.1	0.2	4
B6803ZZ		26	5	0.3	2.23	1.46	25000	19	19.5	24	0.3	8
B6903ZZ		30	7		4.65	2.58	23000		20	28		18
B6003ZZ		35	10		6.80	3.35	20000	19	21	33	0.3	39
B6203ZZ		40	12	0.6	9.60	4.60	17000	21	23	36	0.6	66
B6303ZZ		47	14	1	13.6	6.65	15000	22	25.5	42	1.0	113
B6704ZZ	20	27	4	0.2	1.40	0.72	8500	20.4	22.36	25.5	0.2	6
B6804ZZ		32	7	0.3	4.00	2.47	20000	22	22.5	30	0.3	19
B6904ZZ		37	9		6.40	3.70	19000		24	35		36
B6004ZZ		42	12		9.40	5.05	17000	24	26	38	0.6	69
B6204ZZ		47	14	1.0	12.80	6.65	14000	25	28	42	1.0	106
B6304ZZ		52	15	1.1	15.9	7.9	13000	26.5	28	45.5		145
B6805ZZ	25	37	7	0.3	4.30	2.95	18000	27	28	35	0.3	22
B6905ZZ		42	9		7.05	4.55	16000		29	40		42
B6005ZZ		47	12		10.10	5.85	15000	29	30.5	43	0.6	80
B6205ZZ		52	15	1.0	14.00	7.85	12000	30	32	47	1.0	128
B6305ZZ		62	17	1.1	20.6	11.2	11000	31.5	36	55.5		235
B6806ZZ	30	42	7	0.3	4.70	3.65	15000	32	33	40	0.3	26
B6906ZZ		47	9		7.25	5.00	14000		34	45		48
B6006ZZ		55	13		13.20	8.30	12000	35	37	50	116	
B6206ZZ		62	16	1.0	19.50	11.30	10000	35	39	57	1.0	199
B6306ZZ		72	19	1.1	26.7	15	9200	36.5	42.5	65.5		345
B6807ZZ	35	47	7	0.3	4.90	4.05	13000	37	38	45	0.3	29
B6907ZZ		55	10	0.6	9.55	6.85	12000	39	40	51	0.6	74
B6007ZZ		62	14	1.0	16.00	10.30	11000	40	42	57	1.0	155
B6207ZZ		72	17	1.1	25.70	15.30	9000	41.5	45	65.5	1.0	288
B6307ZZ		80	21	1.5	33.5	19.2	8400	43	47	72	1.5	469
B6808ZZ	40	52	7	0.3	5.10	4.40	12000	42	43	50	0.3	33
B6908ZZ		62	12	0.6	12.20	8.90	11000	44	45	58	0.6	110
B6008ZZ		68	15	1.0	16.80	11.50	9500	45	47	63	1.0	190
B6208ZZ		80	18	1.1	29.10	17.80	8200	46.5	51	73.5	1.0	366
B6308ZZ		90	23	1.5	40.5	24	7500	48	53	82	1.5	636
B6809ZZ	45	58	7	0.3	6.18	5.38	11000	47	47.5	56	0.3	38
B6909ZZ		68	12	0.6	14.1	10.8	9500	49	50	64	0.6	126
B6009ZZ		75	16	1	20.9	15.2	8800	50	53.5	70	1.0	241
B6209ZZ		85	19	1.1	31.5	20.4	7500	51.5	55.5	78.5		420
B6309ZZ		100	25	1.5	53	32	6700	53	61.5	92	1.5	829
B6810ZZ	50	65	7	0.3	6.6	6.09	9500	52	52.5	63	0.3	50
B6910ZZ		72	12	0.6	14.5	11.7	9000	54	55	68	0.6	135
B6010ZZ		80	16	1.0	21.80	16.60	8300	55.0	57.5	75.0	1.0	261
B6210ZZ		90	20	1.1	35.00	23.20	7000	56.5	60.0	83.5		454
B6310ZZ		110	27	2	62.0	38	6000	59	68	101	2	1006

Part Number Example

Part Number
B6702ZZ

Deep Groove Ball Bearings

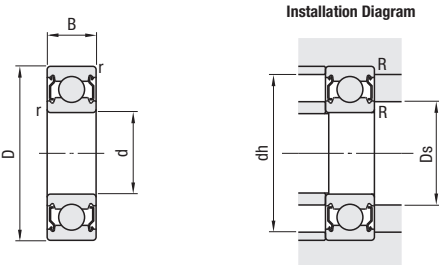
Double Shielded, Stainless Steel

Deep Groove Ball Bearings – Double Shielded, Stainless Steel



RoHS 10

SB6__ZZ



Material: 440C Stainless Steel or Equivalent
Bearing Accuracy JIS B 1514 Class 0

Part Number	d	D	B	r (min)	Basic Load Rating		Allowable Rotational Speed rpm (Reference)	Relative Dimensions				Mass (g) (Reference)	
					Cr (Dynamic) kN	Cor (Static) kN		Ds		dh (max.)	R (max.)		
								(min)	(max.)				
SB6700ZZ	10	15	4	0.2	0.68	0.34	15000	10.4	11.21	14.2	0.2	2	
SB6800ZZ		19	5	0.3	1.46	0.67	34000	12	12.5	17	0.3	5	
SB6900ZZ		22	6		2.29	1.02	32000		13	20		9	
SB6000ZZ		26	8		3.87	1.58	30000	12	13.5	24		19	
SB6200ZZ		30	9	0.6	4.35	1.91	24000	14	16	26	0.6	32	
SB6300ZZ		35	11		6.87	2.75	21000	14	16.5	31		52	
SB6701ZZ	12	18	4	0.2	0.73	0.42	13000	12.4	13.86	16.7	0.2	3	
SB6801ZZ		21	5	0.3	1.63	0.83	32000	14	14.5	19	0.3	6	
SB6901ZZ		24	6		2.45	1.18	30000		15	22		11	
SB6001ZZ		28	8		4.35	1.91	27000	14	16	26		21	
SB6201ZZ		32	10	0.6	5.78	2.44	22000	16	17	28	0.6	37	
SB6301ZZ		37	12	1	8.24	3.36	19000	17	18	32	1.0	60	
SB6702ZZ	15	21	4	0.2	0.74	0.46	11000	15.4	16.86	19.7	0.2	4	
SB6802ZZ		24	5	0.3	1.76	1.00	27000	17	17.5	22	0.3	7	
SB6902ZZ		28	7		3.67	1.81	26000		26			16	
SB6002ZZ		32	9		4.76	2.27	23000	17	19	30		30	
SB6202ZZ		35	11	0.6	6.50	2.96	19000	19	20	31	0.6	45	
SB6302ZZ		42	13	1	9.71	4.37	17000	20	22.5	37	1.0	83	
SB6703ZZ	17	23	4	0.2	0.85	0.52	9500	17.4	18.86	21.1	0.2	4	
SB6803ZZ		26	5	0.3	1.90	1.16	25000	19	19.5	24	0.3	8	
SB6903ZZ		30	7		3.90	2.05	23000		20	28		18	
SB6003ZZ		35	10		5.09	2.63	20000	19	21	33		0.3	39
SB6203ZZ		40	12	0.6	8.13	3.85	17000	21	23	36	0.6	66	
SB6303ZZ		47	14	1	11.5	5.33	15000	22	25.5	42	1.0	113	
SB6704ZZ	20	27	4	0.2	1.12	0.57	8500	20.4	22.36	25.5	0.2	6	
SB6804ZZ		32	7	0.3	3.41	1.97	20000	22	22.5	30	0.3	19	
SB6904ZZ		37	9		5.42	2.95	19000		24	35		36	
SB6004ZZ		42	12		7.99	4.00	17000	24	26	38		0.6	69
SB6204ZZ		47	14	1.0	10.88	5.28	14000	25	28	42	1.0	106	
SB6304ZZ		52	15	1.1	13.49	6.31	13000	26.5	28	45.5		145	
SB6805ZZ	25	37	7	0.3	3.66	2.35	18000	27	28	35	0.3	22	
SB6905ZZ		42	9		5.60	3.63	16000		29	40		42	42
SB6005ZZ		47	12		8.59	4.68	15000	29	30.5	43	0.6	80	
SB6205ZZ		52	15	1.0	11.90	6.32	12000	30	32	47	1.0	128	
SB6305ZZ	30	62	17	1.1	17.49	9.06	11000	31.5	36	55.5		235	
SB6806ZZ		42	7	0.3	3.86	2.72	15000	32	33	40	0.3	26	
SB6906ZZ		47	9		6.15	4.01	14000		34	45		48	
SB6006ZZ		55	13		11.20	6.64	12000	35	37	50		1.0	116
SB6206ZZ		62	16	1.0	16.60	9.04	10000	35	39	57	1.0	199	
SB6306ZZ		72	19	1.1	22.63	12.08	9200	36.5	42.5	65.5		345	
SB6807ZZ	35	47	7	0.3	4.02	3.06	13000	37	38	45	0.3	29	
SB6907ZZ		55	10	0.6	9.27	6.25	12000	39	40	51	0.6	74	
SB6007ZZ		62	14	1.0	13.56	8.25	11000	40	42	57	1.0	155	
SB6207ZZ		72	17	1.1	21.81	12.36	9000	41.5	45	65.5	1.0	288	
SB6808ZZ	40	52	7	0.3	4.18	3.34	12000	42	43	50	0.3	33	
SB6908ZZ		62	12	0.6	11.63	7.97	11000	44	45	58	0.6	110	
SB6008ZZ		68	15	1.0	14.25	9.22	9500	45	47	63	1.0	190	
SB6208ZZ		80	18	1.1	24.73	14.33	8200	46.5	51	73.5	1.0	366	
SB6809ZZ	45	58	7	0.3	5.20	4.30	11000	47	47.5	56	0.3	38	
SB6909ZZ		68	12	0.6	11.98	8.66	9500	49	50	64	0.6	126	
SB6009ZZ		75	16	1	15.15	9.6	8800	50	53.5	70	1.0	241	
SB6209ZZ		85	19	1.1	27.79	16.3	7500	51.5	55.5	78.5		420	
SB6810ZZ		50	65	7	0.3	5.61	4.80	9500	52	52.5	63	0.3	50
SB6910ZZ			72	12	0.6	12.35	9.35	9000	54	55	68	0.6	135
SB6010ZZ	80		16	1.0	18.50	14.10	8300	55.0	57.5	75.0	1.0	261	
SB6210ZZ	90		20	1.1	29.80	19.70	7000	56.5	60.0	83.5		454	