




Deep Groove Ball Bearings Open

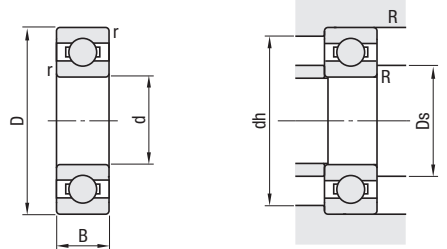
Features: Most standard products used in various industries. Available products are increased.

Deep Groove Ball Bearings – Open



RoHS10

B6_ _ _



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

Shipped with no grease applied. Please apply grease when using.

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)			
B6700	10	15	3	0.2	0.85	0.43	15000	10.4	11.21	14.2	0.2	2
B6800	10	19	5	0.3	1.83	0.93	34000	12	12.5	17	0.3	5
B6900	10	22	6	0.3	2.7	1.27	32000	12	13	20	0.3	9
B6000	10	26	8	0.6	4.55	1.96	30000	14	13.5	24	0.6	19
B6200	10	30	9	0.6	5.1	2.39	24000	14	16	26	0.6	32
B6300	10	35	11	0.6	8.2	3.5	23000	14	17	31	0.6	53
B6701	12	18	4	0.2	0.92	0.53	13000	12.4	13.86	16.7	0.2	3
B6801	12	21	5	0.3	1.92	1.04	32000	14	14.5	19	0.3	6
B6901	12	24	6	0.3	2.89	1.46	30000	14	15	22	0.3	11
B6001	12	28	8	0.6	5.1	2.39	28000	16	16	26	0.6	21
B6201	12	32	10	0.6	6.1	2.75	22000	16	17	28	0.6	37
B6301	12	37	12	1	9.7	4.2	20000	17	18.5	32	1	60
B6702	15	21	4	0.2	0.93	0.58	11000	15.4	16.86	19.7	0.2	4
B6802	15	24	5	0.3	2.08	1.26	28000	17	17.5	22	0.3	7
B6902	15	28	7	0.3	3.65	2	26000	17	18.5	26	0.3	16
B6002	15	32	9	0.6	5.6	2.83	24000	19	19	30	0.6	30
B6202	15	35	11	0.6	7.75	3.6	20000	19	20	31	0.6	45
B6302	15	42	13	1	11.4	5.45	17000	20	23	37	1	82
B6703	17	23	4	0.2	1	0.66	5000	18.6	18.8	21.4	0.2	2.5
B6803	17	26	5	0.3	2.23	1.46	26000	19	19.5	24	0.3	8
B6903	17	30	7	0.3	4.65	2.58	24000	19	20	28	0.3	18
B6003	17	35	10	0.6	6.8	3.35	22000	21	21	33	0.6	39
B6203	17	40	12	0.6	9.6	4.6	17000	21	23	36	0.6	66
B6303	17	47	14	1	13.5	6.55	16000	22	25	42	1	115
B6704	20	27	4	0.2	1.4	0.72	8500	20.4	22.36	25.5	0.2	6
B6804	20	32	7	0.3	4	2.47	22000	22	22.5	30	0.3	19
B6904	20	37	9	0.3	6.4	3.7	19000	22	24	35	0.3	36
B6004	20	42	12	0.6	9.4	5.05	18000	24	26	38	0.6	69
B6204	20	47	14	1	12.8	6.65	15000	25	28	42	1	106
B6304	20	52	15	1.1	15.9	7.9	14000	26.5	28.5	45.5	1.1	144
B6705	25	32	4	0.2	1.1	0.84	4000	26.6	27.3	30.4	0.2	5
B6805	25	37	7	0.3	4.3	2.95	18000	27	28	35	0.3	22
B6905	25	42	9	0.3	7.05	4.55	16000	27	29	40	0.3	42
B6005	25	47	12	0.6	10.1	5.85	15000	29	30.5	43	0.6	80
B6205	25	52	15	1	14	7.85	13000	30	32	47	1	128
B6305	25	62	17	1.1	21.2	10.9	12000	31.5	35.5	55.5	1.1	232
B6706	30	37	4	0.2	1.14	0.95	3300	31.6	32.3	35.4	0.2	6
B6806	30	42	7	0.3	4.7	3.65	15000	32	33	40	0.3	26
B6906	30	47	9	0.3	7.25	5	14000	32	34	45	0.3	48
B6006	30	55	13	1	13.2	8.3	13000	35	37	50	1	116
B6206	30	62	16	1	19.5	11.3	11000	35	39	57	1	199
B6306	30	72	19	1.1	26.7	15	10000	36.5	43	65.5	1.1	360
B6807	35	47	7	0.3	4.9	4.05	14000	37	38	45	0.3	29
B6907	35	55	10	0.6	9.55	6.85	12000	39	40	51	0.6	74
B6007	35	62	14	1	16	10.3	11000	40	42	57	1	155
B6207	35	72	17	1.1	25.7	15.3	9500	41.5	45	65.5	1.1	288
B6307	35	80	21	1.5	33.5	19.1	8800	43	47	72	1.5	457
B6808	40	52	7	0.3	5.1	4.4	12000	42	43	50	0.3	33
B6908	40	62	12	0.6	12.2	8.9	11000	44	45	58	0.6	110
B6008	40	68	15	1	16.8	11.5	10000	45	47	63	1	190
B6208	40	80	18	1.1	29.1	17.8	8500	46.5	51	73.5	1.1	366
B6308	40	90	23	1.5	40.5	24	7800	48	54	82	1.5	630
B6809	45	58	7	0.3	5.35	4.95	11000	47	48	56	0.3	40
B6909	45	68	12	0.6	13.1	10.4	9800	49	51	64	0.6	128
B6009	45	75	16	1	21	15.1	9200	50	52.5	70	1	237
B6209	45	85	19	1.1	32.5	20.4	7800	51.5	55.5	78.5	1.1	398
B6309	45	100	25	1.5	53	32	7000	53	61.5	92	1.5	814

Kgf=Nx0.101972

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)			
B6810	50	65	7	0.3	6.6	6.1	9600	52	54	63	0.3	52
B6910	50	72	12	0.6	13.4	11.2	8900	54	55.5	68	0.6	132
B6010	50	80	16	1	21.8	16.6	8500	55	57.5	75	1	261
B6210	50	90	20	1.1	35	23.2	7100	56.5	60	83.5	1.1	454
B6310	50	110	27	2	62	38.5	6400	59	68.5	101	2	1070
B6811	55	72	9	0.3	8.8	8.1	8700	57	59	70	0.3	83
B6911	55	80	13	1	16	13.3	8200	60	61.5	75	1	180
B6011	55	90	18	1.1	28.3	21.2	7700	61.5	64	83.5	1.1	388
B6211	55	100	21	1.5	43.5	29.2	6400	63	67	92	1.5	601
B6311	55	120	29	2	71.5	45	5800	64	74	111	2	1370
B6812	60	78	10	0.3	11.5	10.6	8000	62	64.5	76	0.3	106
B6912	60	85	13	1	16.4	14.3	7600	65	66.5	80	1	193
B6012	60	95	18	1.1	29.5	23.2	7000	66.5	69	88.5	1.1	414
B6212	60	110	22	1.5	52.5	36	6000	68	75	102	1.5	783
B6312	60	130	31	2.1	82	52	5400	71	80.5	119	2	1730
B6813	65	85	10	0.6	11.6	11	7400	69	70	81	0.6	128
B6913	65	90	13	1	17.4	16.1	7000	70	71.5	85	1	206
B6013	65	100	18	1.1	30.5	25.2	6500	71.5	74	93.5	1.1	421
B6213	65	120	23	1.5	57.5	40	5500	73	80.5	112	1.5	990
B6313	65	140	33	2.1	92.5	60	4900	76	86	129	2	2080
B6814	70	90	10	0.6	12.1	11.9	6900	74	75.5	86	0.6	137
B6914	70	100	16	1	23.7	21.2	6500	75	77.5	95	1	334
B6014	70	110	20	1.1	38	31	6100	76.5	80.5	103.5	1.1	604
B6214	70	125	24	1.5	62	44	5100	78	85	117	1.5	1070
B6314	70	150	35	2.1	104	68	4600	81	92.5	139	2	2520
B6815	75	95	10	0.6	12.5	12.9	6400	79	80	91	0.6	145
B6915	75	105	16	1	24.4	22.6	6100	80	82.5	100	1	353
B6015	75	115	20	1.1	39.5	33.5	5700	81.5	85.5	108.5	1.1	649
B6215	75	130	25	1.5	66	49.5	4800	83	90.5	122	1.5	1180
B6315	75	160	37	2.1	113	77	4300	86	99	149	2	3020
B6816	80	100	10	0.6	12.7	13.3	6000	84	85	96	0.6	154
B6916	80	110	16	1	24.9	24	5700	85	88	105	1	373
B6016	80	125	22	1.1	47.5	40	5300	86.5	91.5	118.5	1.1	854
B6216	80	140	26	2	72.5	53	4500	89	95.5	131	2	1400
B6316	80	170	39	2.1	123	86.5	4000	91	105	159	2.1	3590
B6817	85	110	13	1	18.7	19	5700	90	91	105	1	270
B6917	85	120	18	1.1	32	29.6	5400	91.5	94	113.5	1.1	536
B6017	85	130	22	1.1	49.5	43	5000	91.5	97	123.5	1.1	890
B6217	85	150	28	2	83.5	64	4200	94	103	141	2	1790
B6317	85	180	41	3	133	97	3800	98	112	167	2.5	4230
B6818	90	115	13	1	19	19.7	5400	95	96	110	1	285
B6918	90	125	18	1.1	33	31.5	5100	96.5	99	118.5	1.1	554
B6018	90	140	24	1.5	58	49.5	4700	98	102	132	1.5	1020
B6218	90	160	30	2	96	71.5	4000	99	109	151	2	2150
B6318	90	190	43	3	143	107	3600	103	118	177	2.5	4910
B6819	95	120	13	1	19.3	20.5	5000	100	101	115	1	300
B6919	95	130	18	1.1	33.5	33.5	4800	101.5	104	123.5	1.1	579
B6019	95	145	24	1.5	60.5	54	4500	103	109	137	1.5	1080
B6219	95	170	32	2.1	109	82	3700	106	116	159	2	2620
B6319	95	200	45	3	153	119	3300	108	125	187		