

Small Dia. Ball Bearings / Stainless Steel Deep Groove Ball Bearings

Non-Contact, Contact Sealed Contact Sealed

Deep Groove Ball Bearings

Non-contact Sealed / Contact Sealed

Small Ball Bearings
Non-Contact, Contact Sealed

Non-Contact Sealed **B6□□□VV** (Installation Diagram) Contact Sealed **B6□□□DDU** (Installation Diagram)

For features of Rubber Seal, see [P.1001](#) Material: SUJ2 *The material of seal is NBR (Nitrile Rubber). Bearing Accuracy: JIS B 1514 Class 0

Non-Contact Sealed **B6□□□VV** (Installation Diagram) Contact Sealed **B6□□□DDU** (Installation Diagram)

For features of Rubber Seal, see [P.1001](#) Material: SUJ2 *The material of seal is NBR (Nitrile Rubber). Bearing Accuracy: JIS B 1514 Class 0

Part Number	Non-Contact Sealed	Contact Sealed	d	D	B	r (min)	Basic Load Rating			Allowable Rotational Speed rpm (Reference)	Relative Dimensions			Mass (g) (Reference)	Unit Price	
							Cr (Dynamic) N	Co (Static) N			Ds (min)	dh (max)	R (max)		Non-Contact Sealed	Contact Sealed
-	B693DDU		3	8	4	0.15	560	179	30000	4.20	6.8	0.15	0.83	-	-	
-	B623DDU		3	10	4	0.15	630	210	25000	5.20	8.8	0.15	1.66	-	-	
-	B694DDU		4	11	4	0.2	960	345	24000	5.60	9.8	0.20	1.75	-	-	
-	B604DDU		4	12	4	0.2	957	345	24000	5.60	10.4	0.20	2.29	-	-	
B624VV	B624DDU		4	13	5	0.2	1300	485	20000	6.60	11.4	0.30	3.04	-	-	
-	B695DDU		5	14	4	0.2	1080	430	40000	7.00	11.4	0.30	2.5	-	-	
-	B605DDU		5	16	5	0.3	1330	505	38000	7.60	12.4	0.20	3.48	-	-	
B625VV	B625DDU		5	16	5	0.3	1730	670	32000	8.00	14.0	0.30	4.86	-	-	
B696VV	B696DDU		6	15	6	0.2	1350	530	36000	7.60	13.4	0.20	3.72	-	-	
-	B606DDU		6	17	6	0.3	2260	835	34000	8.00	15.0	0.30	6.08	-	-	
B626VV	B626DDU		6	19	6	0.3	2340	885	30000	10.00	17.0	0.30	7.94	-	-	
B698VV	B698DDU		8	19	7	0.3	1990	865	17000	10.00	17.0	0.30	7.18	-	-	
B608VV	B608DDU		8	22	7	0.3	3530	1400	17000	10.00	20.0	0.30	12	-	-	
B628VV	B628DDU		8	24	8	0.3	4000	1590	14000	10.00	22.0	0.30	17	-	-	

Part Number	Non-Contact Sealed	Contact Sealed	d	D	B	r (min)	Basic Load Rating			Allowable Rotational Speed rpm (Reference)	Relative Dimensions				Mass (g) (Reference)	Unit Price
							Cr (Dynamic) kN	Co (Static) kN			Ds (min)	dh (max)	R (max)			
B6800VV	B6800DDU		10	19	5	0.3	1.72	0.84	24000	12	12	17	0.3	5		
B6900VV	B6900DDU		10	22	6	0.3	2.7	1.27	22000	12	12.5	20	0.3	9		
B6000VV	B6000DDU		10	26	8	0.6	4.55	1.96	22000	12	12.5	24	0.6	18		
B6200VV	B6200DDU		10	30	9	0.6	5.1	2.39	18000	14	16	26	0.6	32		
B6300VV	B6300DDU		10	35	11	0.6	8.1	3.45	17000	14	16.5	31	0.6	52		
B6801VV	B6801DDU		12	21	5	0.3	1.92	1.04	20000	14	14	19	0.3	6		
B6901VV	B6901DDU		12	24	6	0.3	2.89	1.46	20000	14	14.5	22	0.3	10		
B6001VV	B6001DDU		12	28	8	0.6	5.1	2.37	18000	16	15.5	26	0.6	22		
B6201VV	B6201DDU		12	32	10	0.6	6.1	2.75	17000	16	17	28	0.6	37		
B6301VV	B6301DDU		12	37	12	1	9.7	4.2	16000	16	18	32	1	60		
B6802VV	B6802DDU		15	24	5	0.3	2.07	1.26	17000	17	17	22	0.3	7		
B6902VV	B6902DDU		15	28	7	0.3	3.65	2	15000	17	17	26	0.3	15		
B6002VV	B6002DDU		15	32	9	0.6	5.6	2.83	15000	17	19	30	0.6	31		
B6202VV	B6202DDU		15	35	11	0.6	7.65	3.6	14000	19	20.5	31	0.6	45		
B6302VV	B6302DDU		15	42	13	1	11.4	5.45	13000	19	22.5	37	1	83		
B6803VV	B6803DDU		17	26	5	0.3	2.63	1.57	15000	19	19	24	0.3	7		
B6903VV	B6903DDU		17	30	7	0.3	4.6	2.55	13000	19	19.5	28	0.3	19		
B6003VV	B6003DDU		17	35	10	0.6	6	3.25	13000	19	21.5	33	0.6	41		
B6203VV	B6203DDU		17	40	12	0.6	9.55	4.6	12000	21	23.5	36	0.6	67		
B6303VV	B6303DDU		17	47	14	1	13.6	6.65	11000	21	25.5	42	1	113		
B6804VV	B6804DDU		20	32	7	0.3	4	2.47	13000	22	22	30	0.3	17		
B6904VV	B6904DDU		20	37	9	0.3	6.4	3.7	12000	22	24	35	0.3	37		
B6004VV	B6004DDU		20	42	12	0.6	9.4	5	11000	24	25.5	38	0.6	68		
B6204VV	B6204DDU		20	47	14	1	12.8	6.6	11000	24	25	42	1	107		
B6304VV	B6304DDU		20	52	15	1.1	15.9	7.9	10000	24	26.5	45.5	1	145		
B6805VV	B6805DDU		25	37	7	0.3	4.5	3.15	10000	27	27	35	0.3	21		
B6905VV	B6905DDU		25	42	9	0.3	7.05	4.55	9500	27	28.5	40	0.3	42		
B6005VV	B6005DDU		25	47	12	0.6	10.1	5.85	9500	29	30	43	0.6	79		
B6205VV	B6205DDU		25	52	15	1	14	7.85	9000	30	32	47	1	129		
B6305VV	B6305DDU		25	62	17	1.1	20.6	11.2	8000	31.5	36	55.5	1	235		
B6806VV	B6806DDU		30	42	7	0.3	4.7	3.65	9000	32	32	40	0.3	24		
B6906VV	B6906DDU		30	47	9	0.3	7.25	5	8500	32	34	45	0.3	52		
B6006VV	B6006DDU		30	55	13	0.6	13.2	8.3	8000	35	36.5	50	0.6	116		
B6206VV	B6206DDU		30	62	16	1	19.5	11.3	7500	35	38.5	57	1	199		
B6306VV	B6306DDU		30	62	16	1	19.5	11.3	7500	35	38.5	57	1	199		
B6807VV	B6807DDU		35	55	10	0.6	10.6	7.25	7000	39	39	51	0.6	75		
B6907VV	B6907DDU		35	62	14	1	16	10.3	6700	40	41.5	57	1	151		
B6007VV	B6007DDU		35	72	17	1.1	25.7	15.3	6300	41.5	44.5	65.5	1	284		
B6207VV	B6207DDU		35	80	21	1.5	33.5	19.2	6000	43	47	72	1.5	464		
B6307VV	B6307DDU		35	80	21	1.5	33.5	19.2	6000	43	47	72	1.5	464		
B6808VV	B6808DDU		40	62	12	0.6	13.7	10	6300	44	46	58	0.6	112		
B6908VV	B6908DDU		40	68	15	1	16.8	11.5	6000	45	47.5	63	1	190		
B6008VV	B6008DDU		40	80	18	1.1	29.1	17.9	5600	46.5	50.5	73.5	1	366		
B6208VV	B6208DDU		40	68	12	0.6	14.1	10.9	5600	49	50	64	0.6	126		
B6308VV	B6308DDU		40	75	16	1	20.9	15.2	5300	50	53.5	70	1	241		
B6809VV	B6809DDU		45	85	19	1.1	31.5	20.4	5300	51.5	55.5	78.5	1	420		
B6909VV	B6909DDU		45	85	19	1.1	31.5	20.4	5300	51.5	55.5	78.5	1	420		
B6009VV	B6009DDU		45	72	12	0.6	14.5	11.7	4800	54	55	68	0.6	135		
B6209VV	B6209DDU		45	80	16	1	21.8	16.6	4800	55	58.5	75	1	261		
B6309VV	B6309DDU		45	90	20	1.1	35	23.2	4800	56.5	60	83.5	1	459		

Stainless Steel Deep Groove Ball Bearings
Contact Sealed

Contact Sealed **SB6□□□DDU** (Installation Diagram)

For features of Rubber Seal, see [P.1001](#) Material: SUS440C Equivalent *The material of seal is NBR (Nitrile Rubber). 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)	Unit Price
					Cr (Dynamic) kN	Co (Static) kN			Ds (min)	dh (max)	R (max)		
SB6000DDU	10	26	8	0.3	3.9	1.58	22000	12	13	24	0.3	18	
SB6200DDU	10	30	9	0.6	4.35	1.91	18000	14	16	26	0.6	32	
SB6001DDU	12	28	8	0.3	4.35	1.89	18000	14	15.5	26	0.3	22	
SB6201DDU	12	32	10	0.6	5.8	2.44	17000	16	17	28	0.6	37	
SB6002DDU	15	32	9	0.3	4.75	2.27	15000	17	19	30	0.3	31	
SB6202DDU	15	35	11	0.6	6.5	2.98	14000	17	20.5	31	0.6	45	
SB6003DDU	17	35	10	0.3	5.1	2.6	13000	19	21.5	33	0.3	41	
SB6203DDU	17	40	12	0.6	8.15	3.85	12000	21	23.5	36	0.6	67	
SB6004DDU	20	42	12	0.6	7.95	4	11000	24	25.5	38	0.6	68	
SB6204DDU	20	47	14	1	10.9	5.25	11000	25	26.5	42	1	107	
SB6005DDU	25	47	12	0.6	8.55	4.65	9500	29	30	43	0.6	79	
SB6205DDU	25	52	15	1	11.9	6.3	9000	30	32	47	1	129	
SB6006DDU	30	55	13	0.6	11.3	6.6	8000	35	36.5	50	0.6	116	
SB6206DDU	30	62	16	1	16.5</								