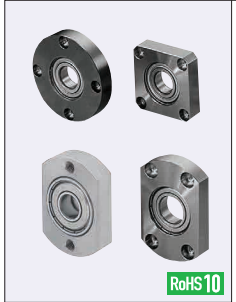


# Bearings with Housings

## Non-Retained



RoHS 10

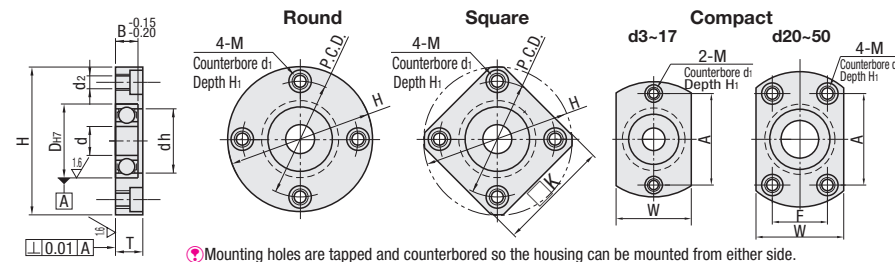
Bearing may protrude 0.1 and 0.2mm due to negative tolerance of B dimension for holding bearing outer rings in place.

Type			Material		Surface Treatment	
Round	Square	Compact	Bearing	Housing	Bearing	Housing
BGRNB	BGSNB	BGCNB	Steel	S45C Equivalent	Black Oxide	Electroless Nickel Plating
BGRN	BGSN	BGCN	200Series Aluminum Alloy	SUS304	Clear Anodize	-
BARN	BASN	BACN	Stainless Steel	-	-	-
SBARN	-	SBACN	-	-	-	-
SBGRN	SBGSN	SBGCN	-	-	-	-

Bearing Accuracy: JIS B 1514 Class 0

6.3 / (1.6 /)

\* Bearings with Rubber Seals (VV and DD) are all made of steel.



Mounting holes are tapped and counterbored so the housing can be mounted from either side.

Part Number			d	DH7	Tolerance	B	H	W	T	dh	P.C.D.	K	A	F	M (Coarse) (d2)	d1	H1
Type	Bearing No.	Seal															
(Round)	BGRNB	623	3	10	+0.015	4	33	16	6	7	24	27	24	-	M4 (3.3)	6.5	3.4
	BGRNB	624	4	13	+0.018	5	35	18	7	9	26	28	26	-	M4 (3.3)	6.5	3.4
	BGRNB	605	5	14	+0.018	5	36	20	7	10	26	30	26	-	M5 (4.3)	8	4.4
	BGRNB	625	16	0	+0.018	5	38	22	7	12	28	31	28	-	M5 (4.3)	8	4.4
	BGRNB	606	17	0	+0.021	6	39	23	8	13	29	32	29	-	M4(3.3)	6.5	3.4
	BGRNB	626	19	0	+0.018	6	41	25	8	15	31	34	31	-	M4(3.3)	6.5	3.4
	BGRNB	678	12	0	+0.018	3.5	34	18	6	10	25	27	25	-	M4(3.3)	6.5	3.4
	BGRNB	698	19	0	+0.021	6	41	25	8	15	31	34	31	-	M4(3.3)	6.5	3.4
	BGRNB	608	22	0	+0.021	7	45	29	9	18	35	36	35	-	M4(3.3)	6.5	3.4
	BGRNB	628	24	0	+0.018	8	47	32	10	20	37	37	37	-	M4(3.3)	6.5	3.4
	BGRNB	6700	15	0	+0.018	4	37	22	7.5	12	27	30	27	-	M5 (4.3)	8	4.4
	BGRNB	6800	19	0	+0.021	5	41	25	7.5	15	31	34	31	-	M5 (4.3)	8	4.4
	BGRNB	6900	22	0	+0.021	6	45	29	8	19	35	36	35	-	M5 (4.3)	8	4.4
	BGRNB	6000	26	0	+0.018	8	50	34	10	22	40	39	40	-	M5 (4.3)	8	4.4
	BGRNB	6200	30	0	+0.018	9	54	38	11	24	44	42	44	-	M5 (4.3)	8	4.4
	BGRNB	6701	18	0	+0.018	4	40	25	7.5	15	30	31	30	-	M6 (5.2)	9.5	5.4
	BGRNB	6801	21	0	+0.021	5	44	29	7.5	17	34	35	34	-	M6 (5.2)	9.5	5.4
	BGRNB	6901	24	0	+0.021	6	48	31	8	21	38	38	38	-	M6 (5.2)	9.5	5.4
	BGRNB	6001	28	0	+0.025	8	52	36	10	24	42	40	42	-	M5 (4.3)	8	4.4
	BGRNB	6201	32	0	+0.025	10	56	40	12	26	46	43	46	-	M5 (4.3)	8	4.4
BGRNB	6702	21	0	+0.021	4	44	29	7.5	18	34	35	34	-	M6 (5.2)	9.5	5.4	
BGRNB	6802	24	0	+0.021	5	47	32	7.5	20	37	37	37	-	M6 (5.2)	9.5	5.4	
BGRNB	6902	28	0	+0.025	7	57	37	9	25	45	45	45	-	M5 (4.3)	8	4.4	
BGRNB	6002	32	0	+0.025	9	60	40	11	28	48	46	48	-	M5 (4.3)	8	4.4	
BGRNB	6202	35	0	+0.021	11	64	44	13	29	52	49	52	-	M5 (4.3)	8	4.4	
BGRNB	6803	26	0	+0.021	5	50	34	7.5	22	40	39	40	-	M6 (5.2)	9.5	5.4	
BGRNB	6903	30	0	+0.021	7	60	38	9	27	48	46	48	-	M6 (5.2)	9.5	5.4	
BGRNB	6003	35	0	+0.025	10	66	44	12	31	54	50	54	-	M6 (5.2)	9.5	5.4	
BGRNB	6203	40	0	+0.021	12	72	50	14	34	60	54	60	-	M5 (4.3)	8	4.4	
BGRNB	6704	27	0	+0.021	4	51	35	7.5	23	41	39	32	25	M5 (4.3)	8	4.4	
BGRNB	6804	32	0	+0.025	7	60	40	9	28	48	46	38	29	M6 (5.2)	9.5	5.4	
BGRNB	6904	37	0	+0.025	9	69	47	11	34	56	54	51	24	M8 (6.8)	11	6.5	
BGRNB	6004	42	0	+0.025	12	77	54	14	36	64	59	56	32	M8 (6.8)	11	6.5	
BGRNB	6204	47	0	+0.025	14	81	58	16	40	68	62	59	34	M8 (6.8)	11	6.5	
BGRNB	6805	37	0	+0.030	7	69	47	11	34	56	54	51	24	M10 (8.5)	14	8.6	
BGRNB	6905	42	0	+0.030	9	77	54	11	36	64	59	56	32	M10 (8.5)	14	8.6	
BGRNB	6005	47	0	+0.030	12	88	58	14	41	72	67	63	36	M10 (8.5)	14	8.6	
BGRNB	6205	52	0	+0.030	15	94	64	17	45	78	72	68	39	M10 (8.5)	14	8.6	
BGRNB	6806	42	0	+0.025	7	77	54	11	36	64	59	56	32	M8 (6.8)	11	6.5	
BGRNB	6906	47	0	+0.025	9	88	58	13	41	72	67	63	36	M10 (8.5)	14	8.6	
BGRNB	6006	55	0	+0.025	13	96	66	15	48	80	73	70	40	M10 (8.5)	14	8.6	
BGRNB	6206	62	0	+0.030	16	104	74	18	55	88	79	77	44	M12 (10.5)	17.5	11	
BGRNB	6007	72	0	+0.030	17	126	88	21	64	105	95	92	51	M12 (10.5)	17.5	11	
BGRNB	6207	88	0	+0.035	22	154	110	26	80	132	122	118	60	M12 (10.5)	17.5	11	
BGRNB	6008	100	0	+0.035	26	182	138	32	96	156	146	142	72	M12 (10.5)	17.5	11	
BGRNB	6208	120	0	+0.035	32	216	168	40	116	188	178	174	84	M12 (10.5)	17.5	11	
BGRNB	6010	150	0	+0.035	40	270	210	50	146	234	224	220	104	M12 (10.5)	17.5	11	
BGRNB	6210	180	0	+0.035	48	324	252	60	176	282	272	268	124	M12 (10.5)	17.5	11	

\*1 No. 623, 624, 605, 606 and numbers starting with 67 are not available for VV (Non-contact Sealed).  
 \*2 Bearings with Rubber Seals are all made of steel.

Ordering Example

Type	Bearing	Seal
BGCN	6000	ZZ
BGSN	6203	DD

Bearing No.	Seal	Unit Price													
		Round				Square				Compact					
		BGRNB	BGRN	BARN	SBARN	SBGRN	BGSNB	BGSN	BASN	SBGSN	BGCNB	BGCN	BACN	SBACN	SBGCN
623		-	-	-	-	-	-	-	-	-	-	-	-	-	-
624		-	-	-	-	-	-	-	-	-	-	-	-	-	-
605		-	-	-	-	-	-	-	-	-	-	-	-	-	-
625		-	-	-	-	-	-	-	-	-	-	-	-	-	-
606		-	-	-	-	-	-	-	-	-	-	-	-	-	-
626		-	-	-	-	-	-	-	-	-	-	-	-	-	-
678		-	-	-	-	-	-	-	-	-	-	-	-	-	-
698		-	-	-	-	-	-	-	-	-	-	-	-	-	-
608		-	-	-	-	-	-	-	-	-	-	-	-	-	-
628		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6700		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6800		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6900		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6000		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6200		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6701		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6801		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6901		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6001		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6201		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6702		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6802	ZZ (x1.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6902		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6002		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6202	VV (x1.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6803		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6903		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6003	DD (x1.1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6203		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6704		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6804		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6904		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6004		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6204		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6805		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6905		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6005		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6205		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6806		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6906		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6006		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6206		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6007		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6207		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6008		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6208		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6010		-	-	-	-	-	-	-	-	-	-	-	-	-	-
6210		-	-	-	-	-	-	-	-	-	-	-	-	-	-

The price of sealed VV and DD are the price shown in the table multiplied by 1.1.