

# Bearings with Housings

## Non-Retained



RoHS 10

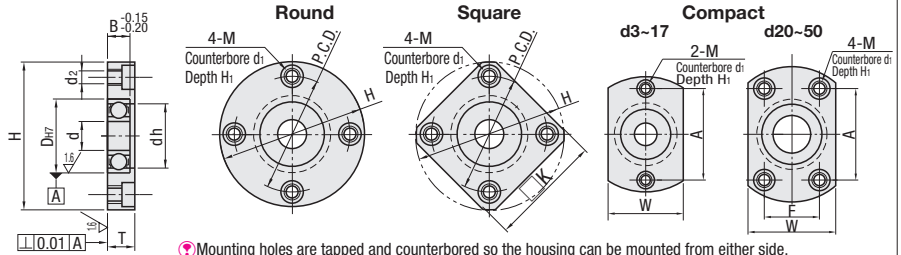
⚠ Bearing may protrude 0.1 and 0.2mm due to negative tolerance of B dimension for holding bearing outer rings in place.

Type			Material		Surface Treatment	
Round	Square	Compact	Bearing	Housing	Housing	
BGRNB	BGSNB	BGCNB	Steel	S45C	Black Oxide	
BGRN	BGSN	BGCN		Equivalent	Electroless Nickel Plating	
BARN	BASN	BACN		2000Series Aluminum Alloy	Clear Anodize	
SBARN	-	SBACN	Stainless Steel	SUS304	-	
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)	623	ZZ Double Shielded	3	10	+0.015	4	33	16	6	7	24	27	24	-	M4 (3.3)	6.5	3.4				
	624		4	13	+0.018	5	35	18	7	9	26	28	26								
	605		14	5		36	20	7	10	26	30	26									
	625		16	0		5	38	22	7	12	28	31	28								
	606		17	+0.021	6	39	23	8	13	29	32	29	M5 (4.3)					8	4.4		
	626		19		6	41	25	8	15	31	34	31									
	678		12		+0.018	3.5	34	18	6	10	25	27								25	M4(3.3)
	698		19	6	41	25	8	15	31	34	31										
	608		22	0	7	45	29	9	18	35	36	35									
	628		24	+0.018	8	47	32	10	20	37	37	37	M5 (4.3)					8	4.4		
	6700		15		4	37	22	7.5	12	27	30	27									
	6800		19		5	41	25	7.5	15	31	34	31									
	6900		22	+0.021	6	45	29	8	19	35	36	35	-					M5 (4.3)	8	4.4	
	6000		26		0	8	50	34	10	22	40	39									40
	6200		30		9	54	38	11	24	44	42	44									
6701	18	+0.018	4	40	25	7.5	15	30	31	30	-	M5 (4.3)	8	4.4							
6801	21		5	44	29	7.5	17	34	35	34											
6901	24		0	6	48	31	8	21	38	38					38						
6001	28	+0.021	8	52	36	10	24	42	40	42	-	M5 (4.3)	8	4.4							
6201	32		+0.025	10	56	40	12	26	46	43					46						
6702	21		4	44	29	7.5	18	34	35	34											
6802	24	+0.021	5	47	32	7.5	20	37	37	37	-	M6 (5.2)	9.5	5.4							
6902	28		7	57	37	9	25	45	45	45											
6002	32		0	9	60	40	11	28	48	46					48						
6202	35	+0.025	11	64	44	13	29	52	49	52	-	M5 (4.3)	8	4.4							
6803	26		0	5	50	34	7.5	22	40	39					40						
6903	30		0	7	60	38	9	27	48	46					48						
6003	35	+0.025	10	66	44	12	31	54	50	54	-	M6 (5.2)	9.5	5.4							
6203	40		0	12	72	50	14	34	60	54					60						
6704	27		+0.021	4	51	35	7.5	23	41	39					32	25	M5 (4.3)	8	4.4		
6804	32	7		60	40	9	28	48	46	38	29	M6 (5.2)	9.5	5.4							
6904	37	9		69	47	11	34	56	54	51	24										
6004	42	+0.025	12	77	54	14	36	64	59	56	32				M8 (6.8)	11	6.5				
6204	47		0	14	81	58	16	40	68	62	59	34									
6805	37		7	69	47	11	34	56	54	51	24										
6905	42	+0.025	9	77	54	11	36	64	59	56	32	-	M10 (8.5)	14	8.6						
6005	47		12	88	58	14	41	72	67	63	36										
6205	52		+0.030	15	94	64	17	45	78	72	68					39					
6806	42	+0.025	7	77	54	11	36	64	59	56	32	M8 (6.8)	11	6.5							
6906	47		0	9	88	58	13	41	72	67	63				36						
6006	55		13	96	66	15	48	80	73	70	40										
6206	16	+0.030	16	104	74	18	55	88	79	77	44	-	M10 (8.5)	14	8.6						
6007	14		14	16	16	75	75														
6207	17		126	88	21	64	105	95	92	51	M12 (10.5)					17.5	11				
6008	15	+0.025	15	114	82	17	60	96	86	80	54	-	M10 (8.5)	14	8.6						
6208	18		18	134	96	22	74	113	102	98	56										
6010	16		16	134	96	20	74	113	-	98	56										
6210	90	+0.035	20	147	110	24	83	126	-	104	72	-	M12 (10.5)	17.5	11						

⚠ Check for available sizes in the price list.

⚠ \*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.