

# Bearings with Housings

## Retained



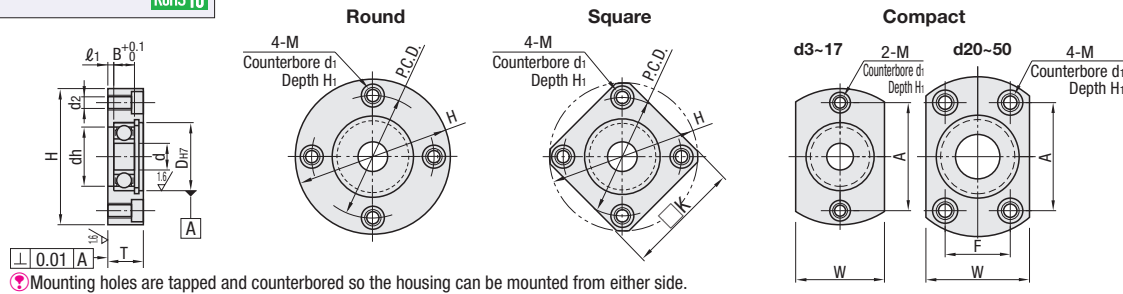
RoHS 10

Type			Material		Surface Treatment		Accessory
Round	Square	Compact	Bearing	Housing	Housing	Housing	Retaining Ring
BGRAB	BGSAB	BGCAB	Steel	EN 1.1191 Equiv.	Black Oxide	Spring Steel	
BGRA	BGSA	BGCA		Electroless Nickel Plating	EN 1.4301 Equiv.		
BARA	BASA	BACA	* Stainless Steel	Aluminum Alloy 2000 series	Clear Anodize	EN 1.4301 Equiv.	
SBARA	SBASA	SBACA		EN 1.4301 Equiv.			
SBGRA	SBGSA	SBGCA					

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

Bearing Accuracy: JIS B 1514 Class 0

6.3 / ( 1.6 )



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



Ordering Example	Part Number
Type	Bearing
BGRAB	6000 ZZ
BGSA	6900 DD

Bearing No.	Seal	Unit Price														
		Round			Square			Compact								
		BGRAB	BGRA	BARA	SBARA	SBGRA	BGSAB	BGSA	BASA	SBASA	SBGSA	BGCAB	BGCA	BACA	SBACA	SBGCA
623																
624																
605																
625																
606																
626																
698																
608																
628																
6800																
6900																
6000																
6200																
6801																
6901																
6001																
6201																
6802																
6902	ZZ (x1.0)															
6002																
6202	VV (x1.1)															
6903																
6003																
6203	DD (x1.1)															
6804																
6904																
6004																
6204																
6805																
6905																
6005																
6205																
6806																
6906																
6006																
6206																
6007																
6207																
6008																
6208																
6010																
6210																

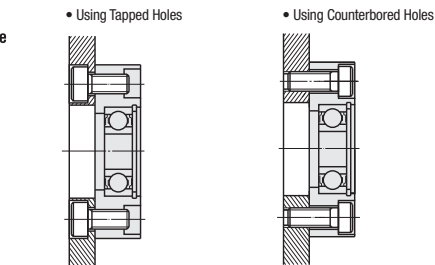
\* The price of sealed VV and DD are the price shown in the table multiplied by 1.1.

Part Number		Seal	d	D <sub>H7</sub>	Tolerance	B	H	W	T	ℓ <sub>1</sub>	d <sub>h</sub>	P.C.D.	K	A	F	M (Coarse) (d <sub>2</sub> )	d <sub>1</sub>	H <sub>1</sub>	
Type	Bearing No.																		
(Round)	623	ZZ Double Shielded	3	10	+0.015	4	33	16	9	2	7	24	27	24		M4 (3.3)	6.5	3.4	
	624		4	13		5	35	18	10		9	26	28	26					
	605		5	14	+0.018	5	36	20	10		10	26	30	26					
	625		5	16	0	5	38	22	10		12	28	31	28					
	606		6	17		6	39	23	11		13	29	32	29					
	626		6	19		6	41	25	11		15	31	34	31					
	698		8	19		6	41	25	11		15	31	34	31					
	608		8	22		7	45	29	12		18	35	36	35					
	628		8	24		8	47	32	13		20	37	37	37					
	6800		10	19	+0.021	5	41	25	10		15	31	34	31					
	6900		10	22	0	6	45	29	11		19	35	36	35					
	6000		10	26		8	50	34	13		22	40	39	40					
6200	10	30		9	54	38	14	24	44	42	44								
(Square)	6801	ZZ Double Shielded	21			5	44	29	10	2	17	34	35	34		M5 (4.3)	8	4.4	
	6901		24			6	48	31	11		21	38	38	38					
	6001		28			8	52	36	13		24	42	40	42					
	6201		32	+0.025	10	56	40	15	26		46	43	46						
	6802		24	+0.021	5	47	32	10	20		37	37	37						
	6902		28	0	7	57	37	12	25		45	45	45						
	6002		32	+0.025	9	60	40	14	28		48	46	48						
	6202		35	0	11	64	44	17	29		52	49	52						
	6903		30	+0.021	7	60	38	12	27		48	46	48						
	6003		35		10	66	44	16	31		54	50	54						
	6203		40		12	72	50	18	34		60	54	60						
	6804		32		7	60	40	12	28		48	46	38	29					
(Compact)	6904	ZZ Double Shielded	37			9	69	47	15	2	34	56	54	51	24		M6 (5.2)	9.5	5.4
	6004		42			12	77	54	18		28	48	46	32					
	6204		47		14	81	58	20	34		56	54	51	34					
	6805		37	+0.025	7	69	47	13	34		56	54	51	24					
	6905		42	0	9	77	54	15	36		64	59	56	32					
	6005		47		12	88	58	18	41		72	67	63	36					
	6205		52	+0.030	15	94	64	22	45		78	72	68	39					
	6806		42	+0.025	7	77	54	13	36		64	59	56	32					
	6906		47	0	9	88	58	15	41		72	67	63	36					
	6006		55		13	96	66	20	48		80	73	70	40					
	6206		16		16	104	74	23	55		88	79	77	44					
	6007		14		14			21											
6207	72	+0.030	17	126	88	26	3	64	105	95	92	51							
6008	68	0	15	114	82	23	2	60	96	86	80	54							
6208	18		15			27													
6010	80		16	134	96	25	3	74	113		98	56							
6210	90	+0.035	20	147	110	31	4	83	126		104	72							

\* Check for available sizes in the price list.

\*1 No. 623, 624, 605 and 606 are not available for VV (Non-contact Sealed).

\*2 Bearings with Rubber Seals are all made of steel.



Alterations Part Number - (NA)  
BGRAB6000VV - NA

Alteration	Bearings, Retaining Rings Not Assembled
Code	NA
Spec.	Bearings and retaining rings are shipped unassembled to the housing.