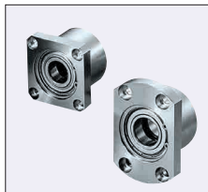
Bearings with Housings

Double Bearings, Retained, L Selectable

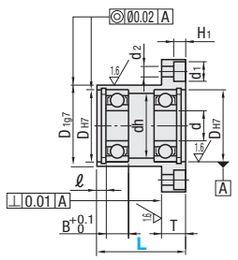


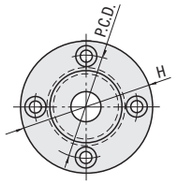
Type			Material		Surface Treatment	Accessory
Round	Square	Compact	Bearing	Housing	Housing	Retaining Ring
BGRBB	BGSBB	BGCBB	Steel	S45C Equivalent	Black Oxide	Spring Steel
BGRB	BGSB	BGCB			Electroless Nickel Plating	SUS304*1
BARB	BASB	BACB		2000series Aluminum Alloy	Clear Anodize	SUS304
SBARB	SBASB	SBACB	* Stainless Steel			
SBGRB	SBGSB	SBGCB		SUS304	-	

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

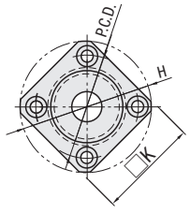
6.3 (1.6)

Round



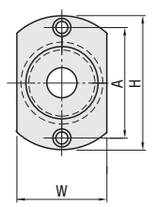


Square

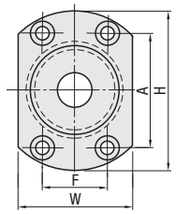


Compact

d3~17



d20~50



Bearing Accuracy: JIS B 1514 Class 0

Part Number			L	d	DH7	Tolerance	B	ℓ	H	W	T	dh	D1g7	Tolerance	P.C.D.	K	A	F	d1	d2	H1
Type	Bearing No.	Seal	Selection																		
	623		20 30	3	10	+0.015 0	4	2.65	33	16	7	7	14	-0.006 -0.024	24	27	24		6.5	3.5	3.1
	624		20 30	4	13		5	2.65	35	18		9	17		26	28	26				
	605		20 30	5	14	+0.018 0	5	2.65	36	20		10	18		26	30	26				
	625		25 30		16		5	2.65	38	22		12	20		28	31	28				
	606		20 35	6	17		6	2.65	39	23		13	21		29	32	29				
	626		25 35		19		6	2.65	41	25		15	24		31	34	31				
	698		25 35		19		6	2.65	41	25		15	24	-0.007 -0.028	31	34	31				
	608		25 35	8	22		7	2.65	45	29		18	27		35	36	35				
	628		25 35		24		8	2.85	47	32		20	30		37	37	37				
	6800		20 30		19		5	2.65	41	25		15	24		31	34	31				
	6900		25 40	10	22	+0.021 0	6	2.65	45	29	8	19	27		35	36	35		8	4.5	4.1
	6000		25 40		26		8	2.85	50	34		22	32	-0.009 -0.034	40	39	40	-			
(Round)	6200		30 40		30		9	2.85	54	38		24	36		44	42	44				
BGRBB	6801		25 35	12	21		5	2.85	44	29		17	26	-0.007 -0.028	34	35	34				
BGRB	6901		25 40		24		6	2.85	48	31		21	30		38	38	38				
BARB	6001	ZZ	25 40		28		8	2.85	52	36		24	34	-0.009 -0.034	42	40	42				
SBARB	6201	Double Shielded	30 40		32	+0.025 0	10	2.85	56	40		26	38		46	43	46				
SBGRB	6802		25 35	15	24	+0.021 0	5	2.85	47	32		20	30	-0.007 -0.028	37	37	37				
	6902	*1 VV	25 50		28		7	2.85	57	37	10	25	35		45	45	45		9.5	5.5	5.1
(Square)	6002	Non-Contact Sealed Rubber Seal	30 50		32	+0.025 0	9	2.85	60	40		28	38		48	46	48				
BGSBB	6202		35 50		35		11	3.75	64	44		29	42		52	49	52				
BGSB	6903		30 40		30	+0.021 0	7	2.85	60	38		27	36		48	46	48				
BASB	6003	*2 DD	35 50	17	35		10	3.75	66	44		31	42	-0.009 -0.034	54	50	54				
SBASB	6203	Contact Sealed Rubber Seal	40 50		40		12	3.95	72	50		34	48		60	54	60				
SBGSB	6804		35 50		32		7	3.75	60	40		28	38		48	46	38	29			
	6904		35 50	20	37		9	3.75	69	47	11	34	45		56	54	51	24	11	6.6	6.1
(Compact)	6004		40 50		42	+0.025 0	12	3.95	77	54		36	50		64	59	56	32			
BGCBB	6204		45 50		47		14	3.95	81	58		40	54	-0.010 -0.040	68	62	59	34			
BGCB	6805		35 50	25	37		7	3.75	69	47		34	45	-0.009 -0.034	56	54	51	24			
BACB	6905		35 50		42		9	3.95	77	54		36	50		64	59	56	32			
SBACB	6005		40 60		47		12	3.95	88	58		41	54	-0.010 -0.040	72	67	63	36	14	9	8.1
SBGCB	6205		45 60		52	+0.030 0	15	4.2	94	64		45	60		78	72	68	39			
	6806		35 50	30	42	+0.025 0	7	3.95	77	54	13	36	50	-0.009 -0.034	64	59	56	32	11	6.6	6.1
	6906		35 50		47		9	3.95	88	58		41	54		72	67	63	36	14	9	8.1
	6006		40 60		55		13	4.2	96	66		48	62	-0.010 -0.040	80	73	70	40			
	6206		50 60		62		16	4.2	104	74		55	70		88	79	77	44			
	6007		50 60	35	62	+0.030 0	14	4.2	104	74		55	70		88	79	75	44			
	6207		60 80		72		17	6	126	88	20	64	84	-0.012 -0.047	105	95	92	51	17.5	11	11
	6008		60 70	40	68		15	5.2	114	82	13	60	78	-0.010- 0.040	96	86	80	54	14	9	8.1
	6208		60 80		80		18	6	134	96		74	92		113	102	98	56			
	6010	ZZ	70	50	80		16	6	134	96	20	74	92	-0.012 -0.047	113	-	98	56	17.5	11	11
	6210	Double Shielded	90		90	+0.035 0	20	7	147	110		83	106		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.

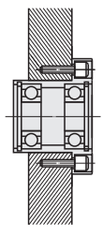
Ordering Example

Part Number				
Type	Bearing	Seal	-	L
BGCN	6000	ZZ	-	25
BGSN	6203	DD	-	30

Bearing No.	Seal	Unit Price														
		Round					Square					Compact				
		BGRBB	BGRB	BARB	SBARB	SBGRB	BGSBB	BGSB	BASB	SBASB	SBGSB	BGCBB	BGCB	BACB	SBACB	SBGCB
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.

Example



Alterations

Part Number	-	L	-	(NA)
BGRB6000DD	-	25	-	NA

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