

# Bearings with Housings

## T-Shaped

For products other than e-Catalog standards, see P.131.

Features: Suitable when lengthwise space is limited.

Type	Material	Surface Treatment	Accessory: Retaining Ring
<b>BGHFB</b> <b>BGHFB-C</b>	Steel	Black Oxide	Spring Steel
<b>BGHF</b> <b>BGHF-C</b>		Electroless Nickel Plating	
<b>BGHFA</b> <b>BGHFA-C</b>	Aluminum Alloy	Clear Anodize	SUS304 Equivalent
<b>BGHFSA</b> <b>BGHFSA-C</b>		-	
<b>BGHFS</b> <b>BGHFS-C</b>	Stainless Steel	-	-

Bearing Accuracy: JISB1514 Class 0

6.3 / (1.6)

⚠ Bearings with Rubber Sealed (VV and DD) are all made of steel.

⚠ Please note a clearance between the bearing and retaining ring when selecting.

**Not C Chamfered**

**C Chamfered**

C chamfer is done on the both top edges (45°)

Type	Part Number	Seal	h 1mm Increments	d	D <sub>H7</sub>	Tolerance	dh	B	ℓ <sub>1</sub>	H	L	L <sub>1</sub>	L <sub>2</sub>	T	S	C	d <sub>1</sub>													
																		Bearing No.												
h Configurable BGHFB BGHF BGHFA BGHFA-C BGHFS	623	ZZ Double Shielded	10-30	3	10	+0.015	7	4	2	h+9	36	26	16	10	5	4.5														
	624			4	13	9	5	h+11		38	28	18																		
	605			5	14	+0.018	10	5		h+12	40	30	20																	
	625			6	16	12	6	h+13		47	35	23																		
	606			6	17	+0.021	13	6		h+14	49	37	25																	
	626			6	19	15	6	h+14		49	37	25																		
	h Configurable C Chamfer BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C		698	*VV Non-Contact Sealed Rubber Seal	15-30	8	19	+0.021		16	6	2	h+14	49	37		25	12	5	5.5										
			608			8	22	18		7	h+15		53	41	29		12													
			628			8	24	20		8	h+16		56	44	32		15													
			6800			8	19	16		5	h+14		50	38	26		10													
			6900			10	22	+0.021		19	6		h+15	53	41		29				12									
			6000			10	26	22		8	h+17		58	46	34		15													
			h Configurable C Chamfer BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C		6200	DD Contact Sealed Rubber Seal	15-40	10		30	+0.025		24	9	2		h+19	62	50		38	15	10	6.5						
					6801			10		21	18		5	h+15			53	41	29		10									
					6901			12		24	+0.021		21	6			h+16	56	44		32				12					
					6001			12		28	24		8	h+18			60	48	36		15									
					6201			12		32	+0.025		26	10			h+20	64	52		40				16					
					6802			15		24	+0.021		21	5			h+16	56	44		32				10					
					h Configurable C Chamfer BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C		6902	*VV Non-Contact Sealed Rubber Seal		20-40	15		28	0			25	7	2		h+18	60	48		36	12	10	5.5		
							6002				15		32	+0.025			28	9			h+20	68	54		40				15	
							6202				15		35	0			29	11			h+22	72	58		44				16	
							6903				17		30	+0.021			27	7			h+19	64	52		38				13	
							6003				17		35	+0.025			31	10			h+22	70	56		43				16	
							6203				17		40	34			12	h+24			76	62	49		19					
h Configurable C Chamfer BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C		6804					DD Contact Sealed Rubber Seal		20-50	20	32		+0.025	29		7	2	h+20			68	53.5	40		15	10	6.5			
		6904								20	37		34	9		h+23		73			59	45	15							
		6004								20	42		36	12		h+25		82			66	50	19							
		6905								20	47		+0.025	40		14		h+28			88	72	56						13	
		6005								25	37		34	7		h+23		82			64	46	13							
		6205								25	42		39	9		h+25		91			69	51	15							
	h Configurable C Chamfer BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C	6806		*VV Non-Contact Sealed Rubber Seal					30-60	25	47	41	12	h+28		96		76		56	19	15	10		6.5					
		6906								25	52	+0.030	45	15		h+31		102		82	62					22				
		6006								25	42	+0.025	39	7		h+25		91		71	51					14				
		6206								25	47	44	9	h+28		96		76		56	16									
		6007								30	55	48	13	h+32		104		84		64	19									
		6207								30	62	55	16	h+36		112		92		72	22									
		h Configurable C Chamfer BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C	6007			DD Contact Sealed Rubber Seal			40-80	30	62	+0.030	55	14	2	h+36		112		92	72	20	12	11						
			6207							30	64	17	h+44	148		118		88		26	25					15			13	
			6008							30	68	60	15	h+41		122		102		82	24					20			12	11
			6208							30	74	18	h+50	160		130		100		27	25					15			13	

\* No. 623, 624, 605 and 606 are not available for VV (Non-contact Sealed).  
 For details of Bearing Standards, see P.1017, 1019, 1021~1024, 1031 and 1032.

Ordering Example

Part Number: BGHF 6901 VV - 23

Bearing No.	Seal	Unit Price															
		h Configurable					h Configurable, C Chamfered										
		BGHFB	BGHF	BGHFA	BGHFSA	BGHFS	BGHFB-C	BGHF-C	BGHFA-C	BGHFSA-C	BGHFS-C						
623																	
624																	
605																	
625																	
606																	
626																	
698																	
608																	
628																	
6800																	
6900																	
6000																	
6200																	
6801																	
6901																	
6001	ZZ Double Shielded (x1.0)																
6201																	
6802	*VV Non-Contact Sealed Rubber Seal (x1.1)																
6902																	
6002	DD Contact Sealed Rubber Seal (x1.1)																
6202																	
6804																	
6904																	
6004																	
6204																	
6805																	
6905																	
6005																	
6205																	
6806																	
6906																	
6006																	
6206																	
6007																	
6207																	
6008																	
6208																	

Alterations

Part Number: BGHFB600ZZ - h 36 - (NA·KCC) - NA

Alterations	Bearings, Retaining Rings Not Assembled	C2 Chamfer
Code	NA	KCC
Spec.	Bearings and retaining rings are shipped unassembled to the housing.	C2 chamfer is done on the top edge surface. ⊗ Not applicable to C Chamfered Type.