


Bearings with Housings

T-Shaped, Base Mount, Retained

Bearings with Housings – T-Shaped, Base Mount, Retained



RoHS10

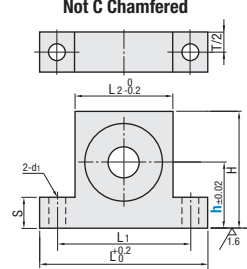
Type			Material		Surface Treatment		Accessory Retaining Ring
Selectable h	Configurable h	Configurable h, C Chamfered	Bearings	Housing	Housing		
BGHKB	BGHFB	BGHFB-C	Steel	1045 Carbon Steel or Equivalent	Black Oxide	304 Stainless Steel or Equivalent	Spring Steel
BGHK	BGHF	BGHF-C			Electroless Nickel Plating		
BGHKA	BGHFA	BGHFA-C			Clear Anodize		
BGHKSA	BGHFSA	BGHFSA-C	Stainless Steel	304 Stainless Steel or Equivalent			
BGHKS	BGHFS	BGHFS-C					

ⓘ Bearings with Rubber Sealed (V V and DD) are all made of steel.

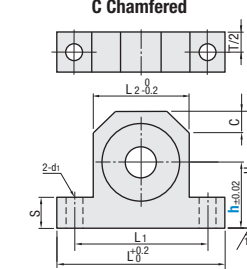
$6.3 \sqrt{(1.6)}$

Bearing Accuracy JIS B 1514 Class 0

Not C Chamfered



C Chamfered



C Chamfer on both top edges (45°)

Type	Part Number		h		d	D _{H7}	Tolerance	dh	B	ℓ ₁	H	L	L ₁	L ₂	T	S	C	d _i
	Bearings No.	Seal	Selection Type	Configurable 1 mm Increment														
Selectable h BGHKB BGHK BGHKA BGHKA BGHKA BGHKS	623	ZZ Double Shielded	15 20 25	10-30	3	10	+0.015 0	7	4	2	h+9	36	26	16	10	5	4.5	
	624																	
	605																	
	625																	
	606																	
	626																	
	698																	
	608																	
	628																	
	6800																	
Configurable h BGHFB BGHF BGHFA BGHFA BGHFS	6900	*VV Non-contact Rubber Sealed	20 25 30	15-30	5	16	+0.018 0	12	5	2	h+11	40	30	20	10	5	5	
	606																	
	626																	
	698																	
	608																	
	628																	
	6800																	
	6900																	
	6000																	
	6200																	
Configurable h C Chamfered BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C	6801	DD Contact Rubber Sealed	20 30 40	20-40	6	19	+0.021 0	15	6	2	h+12	46	34	22	10	5	5	
	600																	
	6200																	
	6801																	
	6901																	
	6001																	
	6201																	
	6802																	
	6902																	
	6002																	
	6202		30 40 50	25-50	8	22	+0.021 0	18	7	2	h+13	47	35	23	10	5	5.5	
	6903																	
	6003																	
	6203																	
	6804																	
	6904																	
	6004																	
	6204																	
	6805																	
	6905																	
	6005		30 40 50	30-60	10	26	+0.021 0	22	8	2	h+14	49	37	25	10	5	6.5	
	6205																	
	6806																	
	6906																	
	6006																	
	6206																	
	6007																	
	6207																	
	6008																	
	6208																	
	6906		40 50 80	40-80	12	28	+0.025 0	26	10	2	h+15	53	41	29	10	5	6.5	
	6207																	
	6007																	
	6207																	
	6008																	
	6208																	
	6907																	
	6008																	
	6208																	
	6908																	
	6008		50 90	40-90	15	32	+0.025 0	29	11	2	h+16	56	44	32	10	5	6.5	
	6209																	
	6009																	
	6209																	
	6010																	
	6210																	
	6910																	
	6010																	
	6210																	
	6910																	
	6010		60 100	50-100	17	35	+0.025 0	31	10	2	h+17	58	46	34	10	5	6.5	
	6211																	
	6011																	
	6211																	
	6012																	
	6212																	
	6912																	
	6012																	
	6212																	
	6912																	
	6012				20	32	+0.025 0	29	7	2	h+18	60	48	36	10	5	6.5	
	6213																	
	6013																	
	6213																	
	6014																	
	6214																	
	6914																	
	6014																	
	6214																	
	6914																	

ⓘ *No. 623, 624, 605 and 606 are not available for VV (Non-contact rubber seals).
 ⓘ For details of Bearing Standards, see P.1018-1020, 1026-1029.

Chart continued on next page.

Bearings with Housings

T-Shaped, Base Mount, Retained, continued

Type	Part Number		h		d	D _{H7}	Tolerance	dh	B	ℓ ₁	H	L	L ₁	L ₂	T	S	C	d _i
	Bearings No.	Seal	Selection Type	Configurable 1 mm Increment														
Selectable h BGHKB BGHK BGHKA BGHKA BGHKA BGHKS	6904	ZZ Double Shielded	40 50 60	30-60	37	37	+0.025 0	34	9	2	h+23	73	59	45	15	10	6.5	
	6004																	
	6204																	
	6805																	
	6905																	
	6005																	
	6205																	
	6806																	
	6906																	
	6006																	
Configurable h BGHFB BGHF BGHFA BGHFA BGHFS	6205	*VV Non-contact Rubber Sealed	40 50 80	40-80	42	42	+0.030 0	45	15	2	h+25	82	66	50	20	12	11	
	6206																	
	6007																	
	6207																	
	6008																	
	6208																	
	6907																	
	6008																	
	6208																	
	6908																	
Configurable h C Chamfered BGHFB-C BGHF-C BGHFA-C BGHFA-C BGHFS-C	6206	DD Contact Rubber Sealed	50 90	40-90	47	47	+0.025 0	44	9	2	h+28	88	72	56	20	12	11	
	6007																	
	6207																	
	6008																	
	6208																	
	6907																	
	6008																	
	6208																	
	6908																	
	6009																	
	6207		60 100	50-100	55	55	+0.030 0	55	14	2	h+25	91	71	51	20	12	11	
	6208																	
	6009																	
	6208																	
	6010																	
	6209																	
	6910																	
	6010																	
	6209																	
	6910																	
	6009				62	62	+0.030 0	64	17	3	h+31	102	82	62	20	12	11	
	6209																	
	6010																	
	6209																	
	6011																	
	6210																	
	6911																	
	6011																	
	6210																	
	6911																	
	6010				68	68	+0.030 0	60	15	3	h+28	96	76	56	20	12	11	
	6210																	
	6011																	
	6210																	
	6012																	
	6211																	
	6912																	
	6012																	
	6211																	
	6912																	
	6011				80	80	+0.030 0	74	18	3	h+36	112	92	72	20	12	11	
	6211																	
	6012																	
	6211																	
	6013																	
	6212																	
	6913																	
	6013																	
	6212																	
	6913																	

ⓘ *No. 623, 624, 605 and 606 are not available for VV (Non-contact rubber seals).
 ⓘ For details of Bearing Standards, see P.1018-1020, 1026-1029.

Bearing No.	Seal	Available Types																
		Selectable h					Configurable h					Configurable h, C Chamfered						
		BGHKB	BGHK	BGHKA	BGHKSA	BGHKS	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																		
6201																		
6802																		
6902																		
6002																		
6202																		
6903																		
6003																		
6203																		
6804																		
6904																		
6004																		
6204																		
6805																		
6905																		
6005																		
6205																		
6806																		
6906																		
6006																		
6206																		
6007																		
6207																		
6008																		
6208																		

Part Number Example

Type	Bearings	Seal	h
BGHK	6000	ZZ	30
BGHF	6901	VV	23

Part Number Alterations

Part Number - h - (NA / KCC)
 BGHK6000ZZ - 30 - NA

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