

Bearings with Housings

Block, Retained

Bearings with Housings – Block, Retained



RoHS10

Type	Material		Surface Treatment
	Bearings	Housing	Housing
BGTKB	Steel	1045 Carbon Steel or Equivalent	Black Oxide
BGTK	Steel	1045 Carbon Steel or Equivalent	Electroless Nickel Plating
SBGTK	Stainless Steel	304 Stainless Steel or Equivalent	—

Bearing Accuracy JIS B 1514 Class 0 $\sqrt{6.3}/(\sqrt{1.6})$

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

Type	Part Number		h Selection	d	D _{H7}	Tolerance	dh	B	H	L	L ₁	T	d ₁	d ₂					
	Bearing No.	Seal																	
BGTKB	608	ZZ Double Shielded	15 20	8	22	+0.021 0	18	7	h+15	53	41	12	9.5	5.5					
	628		15 20		24		20	8	h+16	56	44	15							
	6900		20 25		22		19	6	h+15	53	41	12							
	6000		20 25		26		22	8	h+17	58	46	15							
	6200		20 25	30	24		9	h+19	62	50	15								
	6901		20 25	24	21		6	h+16	56	44	12								
	6001		20 25	28	24		8	h+18	60	48	15								
	6201		20 25	32	26		10	h+20	64	52	16								
	BGTK		6902	*VV Non-Contact Sealed Rubber Seal	20 25		15	28	+0.021 0	25	7	h+18			60	48	12	11	6.5
	SBGTK		6002		20 25			32	+0.025 0	28	9	h+20			68	54	15		
6202		25 30	35		+0.025 0	29	11	h+22	72	58	16								
6903		20 25	30		+0.021 0	27	7	h+19	64	52	13								
6003		25 30	35		+0.025 0	31	10	h+22	70	56	16								
6203		25 30	40			34	12	h+24	76	62	19								
6904		25 30	37			34	9	h+23	73	59	15								
6004		25 30	42			36	12	h+25	82	66	19								
6204		30 35	47		40	14	h+28	88	72	19	14	9							

Part Number Example

Type	Bearings	Seal	h
BGTKB	6900	ZZ	25
BGTK	6002	VV	20

Part Number Alterations

Part Number	L	(NA)
BGTK6903ZZ	25	NA

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

Bearings with Housings

Block Double Bearings, Unretained

Bearings with Housings – Block Double Bearings, Unretained



RoHS10

Type	Material		Surface Treatment
	Bearings	Housing	Housing
BGTWB	Steel	1045 Carbon Steel or Equivalent	Black Oxide
BGTW	Steel	1045 Carbon Steel or Equivalent	Electroless Nickel Plating

Bearing Accuracy JIS B 1514 Class 0 $\sqrt{6.3}/(\sqrt{1.6})$

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

Type	Part Number		T Selection	h Selection	d	D _{H7}	Tolerance	dh	B	H	L	L ₁	G	d ₁	d ₂						
	Bearing No.	Seal																			
BGTWB	608	ZZ Double Shielded	25 35	15 20	8	22	+0.021 0	18	7	h+15	53	41	6	9.5	5.5						
	628		25 35	15 20		24		20	8	h+16	56	44									
	6900		25 40	20 25		22		19	6	h+15	53	41									
	6000		25 40	20 25		26		22	8	h+17	58	46									
	6200		30 40	20 25	30	24		9	h+19	62	50										
	6901		25 40	20 25	24	21		6	h+16	56	44										
	6001		25 40	20 25	28	24		8	h+18	60	48										
	6201		30 40	20 25	32	26		10	h+20	64	52										
	BGTW		6902	*VV Non-Contact Sealed Rubber Seal	25 50	20 25		15	28	+0.021 0	25	7				h+18	60	48	7	11	6.5
	BGTW		6002		30 50	20 25			32	+0.025 0	28	9				h+20	68	54			
6202		35 50	25 30		35	+0.025 0	29	11	h+22	72	58										
6903		25 50	20 25		30	+0.021 0	27	7	h+19	64	52										
6003		30 50	25 30		35	+0.025 0	31	10	h+22	70	56										
6203		35 50	25 30		40		34	12	h+24	76	62										
6904		35 50	25 30		37		34	9	h+23	73	59										
6004		40 50	25 30		42		36	12	h+25	82	66										
6204		45 50	30 35		47	40	14	h+28	88	72	8	14	9								

Part Number Example

Type	Bearings	Seal	T	h
BGTW	6201	VV	30	20
BGTWB	6000	DD	25	20

Part Number Alterations

Part Number	T	h	(NA)
BGTW608VV	25	20	NA

Alteration	Bearings Not Assembled
Code	NA
Spec.	Bearings are shipped unassembled to the housing.