

Bearings with Housings

T-Shaped Short Double Bearings, Retained

Bearings with Housings – T-Shaped Short Double Bearings, Retained



RoHS10

Type	Material		Surface Treatment	Accessory Bearing
	Bearings	Housing	Housing	
BGMWB	Steel	1045 Carbon Steel or Equivalent	Black Oxide	Spring Steel
BGMW			Electroless Nickel Plating	304 Stainless Steel or Equivalent
BGMWS	Stainless Steel	304 Stainless Steel or Equivalent	—	—

Bearing Accuracy
JIS B 1514 Class 0
6.3/(1.6/)

Ⓢ Easier to obtain required radial load ratings when space is limited.
Ⓢ *Bearings with Rubber Seals (VV and DD) are all made of steel.
Ⓢ The "(Bx2)" dimension for "T-Shaped Short Double Bearings" Type indicates the position where the retaining ring groove begins. Please note that considering the groove width tolerance and the retaining ring thickness tolerance, there may be up to max. 0.3 mm of axial clearance on the bearings.

Type	Part Number		h Selection	d	D _{h7}	Tolerance	dh	B	H	L	L ₁	L ₂	T	S	d ₁				
	Bearings No.	Seal																	
BGMWB BGMW BGMWS	605	ZZ Double Shielded *VV Non-Contact Sealed Rubber Seal DD Contact Sealed Rubber Seal	15 20 25	5	14	+0.018 0	10	5	h+11	40	30	20	15	5	4.5				
	606		20 25 30	6	17	0	13	6	h+13	47	35	23	18	10	5.5				
	608		20 30 40	8	22	+0.021 0	18	7	h+15	53	41	29	19						
	6900			10	26		22	8	h+17	58	46	34	23						
	6000			12	24		21	6	h+16	56	44	32	18						
	6901			15	28		24	8	h+18	60	48	36	23						
	6001			17	32		+0.025 0	28	9	h+20	68	54	40			24			
	6902			19	30		+0.021 0	27	7	h+19	64	52	38			20			
	BGMWS		6002	30 40 50	40 50 60	20	37	+0.025 0	31	10	h+22	70	56			43	26	15	6.5
			6903			34	9		h+23	73	59	45	24						
			6003			36	12		h+25	82	66	50	31						
			6904			41	12		h+28	96	76	56	31						
6004		48	13			h+32	104		84	64	32	20	11						
6005		48	13			h+32	104		84	64	32	20	11						

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

Bearings with Housings

T-Shaped Short Double Bearings, Retained, *continued*

Bearing No.	Available Types		
	BGMWB	BGMW	BGMWS
605	•	•	—
606	•	•	•
608	•	•	•
6900	•	•	•
6000	•	•	•
6901	•	•	•
6001	•	•	•
6902	•	•	•
6002	•	•	•
6903	•	•	•
6003	•	•	•
6904	•	•	•
6004	•	•	•
6005	•	•	—
6006	•	•	—

Part Number Example


Part Number: [Type] [Bearings] [Seal] - h

BGMW 6000 ZZ - 30

Part Number Alterations

Part Number - h - (KKC / KCC / NA)

BGMW6000VV - 30 - NA

Alterations	C Chamfer	C2 Chamfer	Bearings, Retaining Rings Not Assembled								
Code	KKC	KCC	NA								
Spec.	C chamfer (45°) on both top edge corners. Ordering Code: KKC  <table border="1"><tr><th>d</th><th>KKC</th></tr><tr><td>5-8</td><td>5</td></tr><tr><td>10-20</td><td>10</td></tr><tr><td>25, 30</td><td>12</td></tr></table>	d	KKC	5-8	5	10-20	10	25, 30	12	C2 chamfer is done on the top edge surfaces.	Bearing and retaining ring are shipped unassembled to the housing.
d	KKC										
5-8	5										
10-20	10										
25, 30	12										

Application Example

