

Bearings with Housings

Side Mount, Retained

Features: For limited installation spaces.

Bearings with Housings – Side Mount, Retained

Type	Material		Surface Treatment	Accessory Retaining Ring
	Bearings	Housing	Housing	
BGSMAB	Steel	1045 Carbon Steel or Equivalent	Black Oxide	Spring Steel
BGSMA			Electroless Nickel Plating	
SBGSMA	Stainless Steel	304 Stainless Steel or Equivalent	—	304 Stainless Steel or Equivalent

Ⓜ Bearings with Rubber Seals (V V and DD) are all made of steel.

Type	Part Number			h Selection	d	D _{h7}	Tolerance	dh	B	H	h ₁	L	L ₁	T	d ₁			
	Bearing No.	Seal	h Selection															
BGSMAB	6900	ZZ Double Shielded	20 25 30	10	22	22	+0.021 0	19	6	h + 24	7	34	14	12	6			
	6000															34	15	
	6200															38	10	
	6901															32	12	
	6001															36	15	
	6201															40	16	
	6902															28	9	
	6002															32	12	
	6202															35	16	
	6904															37	15	
	6004															42	10	
	BGSMA															6204	VV Non-contact Rubber Seal	25 30 40
6904		45	16															
6004		47	19															
6204		50	15															
6905		56	15															
6005		56	19															
SBGSMA	6204	DD Contact Rubber Seal	35 45 55	20	42	47	+0.025 0	36	12	h + 36	11	50	22	19	10			
																6904	56	15
																6004	56	19
																6204	56	15
																6905	56	19
																6005	56	19
	6906		40 45 55	30	47	55	+0.030 0	44	9	h + 67	13	56	26	16	12			
																6006	56	19
																6206	56	19
																6906	56	19
																6006	56	19
																6206	56	19

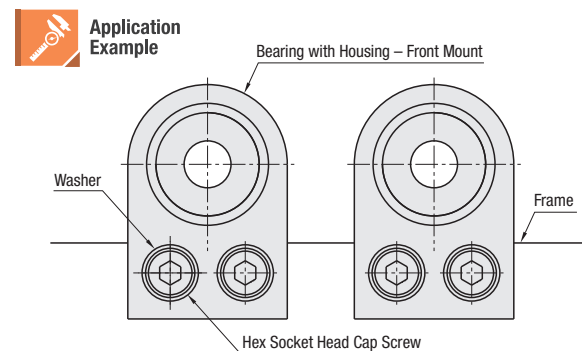
Part Number Example

Type	Bearings	Seal	h
BGSMA	6000	VV	20
BGSMAB	6204	ZZ	35

Part Number Alterations

Part Number - h - (NA)
BGSMA6000ZZ - 20 - NA

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



Bearings with Housings

Side Mount with Undercut, Retained

Features: Improved installation height accuracy with built-in shoulders.

Bearings with Housings – Side Mount with Undercut, Retained

Type	Material		Surface Treatment	Accessories Retaining Ring
	Bearings	Housing	Housing	
BGSNAB	Steel	1045 Carbon Steel or Equivalent	Black Oxide	Spring Steel
BGSNA			Electroless Nickel Plating	
SBGSNA	Stainless Steel	304 Stainless Steel or Equivalent	—	304 Stainless Steel or Equivalent

Ⓜ Bearings with Rubber Seals (V V and DD) are all made of steel.

Type	Part Number			h Selection	d	D _{h7}	Tolerance	dh	B	H	h ₁	L	L ₁	T	T ₁	d ₁			
	Bearing No.	Seal	h Selection																
BGSNAB	6900	ZZ Double Shielded	20 25 30	10	22	22	+0.021 0	19	6	h + 31	7	34	14	12	8	6			
	6000																34	15	
	6200																38	10	
	6901																32	12	
	6001																36	15	
	6201																40	16	
	6902																28	9	
	6002																32	12	
	6202																35	16	
	6904																37	15	
	6004																42	10	
	BGSNA																6202	VV Non-contact Rubber Seal	25 30 40
6904		45	16																
6004		47	19																
6204		50	15																
6905		56	15																
6005		56	19																
SBGSNA	6204	DD Contact Rubber Seal	30 40 50	20	42	47	+0.025 0	36	12	h + 47	11	50	22	19	13	10			
																	6904	56	15
																	6004	56	19
																	6204	56	15
																	6905	56	19
																	6005	56	19
	6906		35 45 50	30	47	55	+0.030 0	44	9	h + 80	13	56	26	16	11	12			
																	6006	56	19
																	6206	56	19
																	6906	56	19
																	6006	56	19
																	6206	56	19

Part Number Example

Type	Bearings	Seal	h
BGSNA	6200	VV	30
BGSNAB	6000	ZZ	30

Part Number Alterations

Part Number - h - (NA)
BGSNA6000ZZ - 25 - NA

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

