



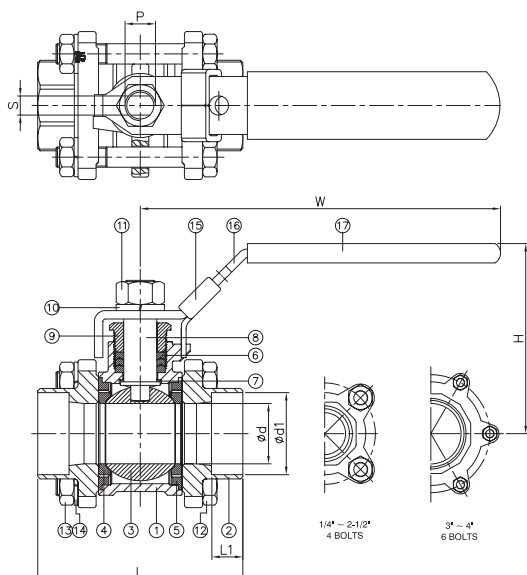
SERIES: B310SM - B310SC (1/4" - 4")

3-PC. SOCKET WELD END BALL VALVE

Stainless / Carbon Steel

DESIGN FEATURES:

- Full port, 1/4"~4" (DN8~DN100)
- **W.P. : 1000 WOG (PN63)**
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Silicone Free
- Anti-Static Device
- Locking device
- Socket weld ends:
 - » ASME B16.11
 - » DIN3239
 - » ISO7/1 & EN10226



ITEM	PARTS	MATERIAL	
		B310SMRTXXX	B310SCRTXXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	SEAT	RTFE	
5	SEAL	PTFE	
6	PACKING		
7	THRUST WASHER		
8	STEM	ASTM A276-316	
9	GLAND	AISI 304	
10	SPRING WASHER		
11	STEM NUT		
12	BOLT		
13	NUT		
14	SPRING WASHER	STAINLESS STEEL	
15	LOCKING DEVICE		
16	HANDLE		
17	HANDLE SLEEVE	PVC	

DN	d	d1	L	L1	H	W	S	P	Torque (N-m)	Weight (kg)
8	11.6	14.5	65	10	60.2	98	5.0	3/8"-24UNF	3.5	0.4
10	12.5	18.0	65	10	60.2	98	5.0	3/8"-24UNF	4.0	0.4
15	15.0	22.0	65	10	62.2	98	5.0	3/8"-24UNF	5.5	0.5
20	20.0	27.5	75	13	64.6	121	6.5	7/16"-20UNF	7.5	0.7
25	25.0	34.0	85	13	80.1	147	8.0	7/16"-20UNF	11.0	1.1
32	32.0	43.0	101	13	85.1	147	8.0	7/16"-20UNF	15.0	1.6
40	38.0	49.0	112	13	103.0	188	10.0	1/2"-20UNF	20.0	2.4
50	50.0	61.0	130	16	111.0	188	10.0	1/2"-20UNF	40.0	3.1
65	63.0	74.0	162	16	142.0	245	12.0	3/4"-10UNC	60.0	6.5
80	76.0	90.0	188	16	150.0	245	12.0	3/4"-10UNC	85.0	9.5
100	96.0	115.5	224	20	182.0	316	16.0	1"-8UNC	150.0	19.0

unit: mm

NPS	d	d1	L	L1	H	W	S	P	Torque (in-lb)	Weight (lb)
1/4"	0.46	0.57	2.56	0.39	2.37	3.86	0.20	3/8"-24UNF	31.0	0.8
3/8"	0.49	0.71	2.56	0.39	2.37	3.86	0.20	3/8"-24UNF	35.4	0.8
1/2"	0.59	0.87	2.56	0.39	2.45	3.86	0.20	3/8"-24UNF	48.7	1.1
3/4"	0.79	1.08	2.95	0.51	2.54	4.76	0.26	7/16"-20UNF	66.4	1.5
1"	0.98	1.34	3.35	0.51	3.15	5.79	0.31	7/16"-20UNF	97.4	2.3
1-1/4"	1.26	1.69	3.98	0.51	3.35	5.79	0.31	7/16"-20UNF	132.8	3.5
1-1/2"	1.50	1.93	4.41	0.51	4.06	7.40	0.39	1/2"-20UNF	177.0	5.3
2"	1.97	2.40	5.12	0.63	4.37	7.40	0.39	1/2"-20UNF	354.0	6.8
2-1/2"	2.48	2.91	6.38	0.63	5.59	9.65	0.47	3/4"-10UNC	531.0	14.3
3"	2.99	3.54	7.40	0.63	5.91	9.65	0.47	3/4"-10UNC	752.3	20.9
4"	3.78	4.55	8.82	0.79	7.17	12.44	0.63	1"-8UNC	1327.6	41.9

unit: in