



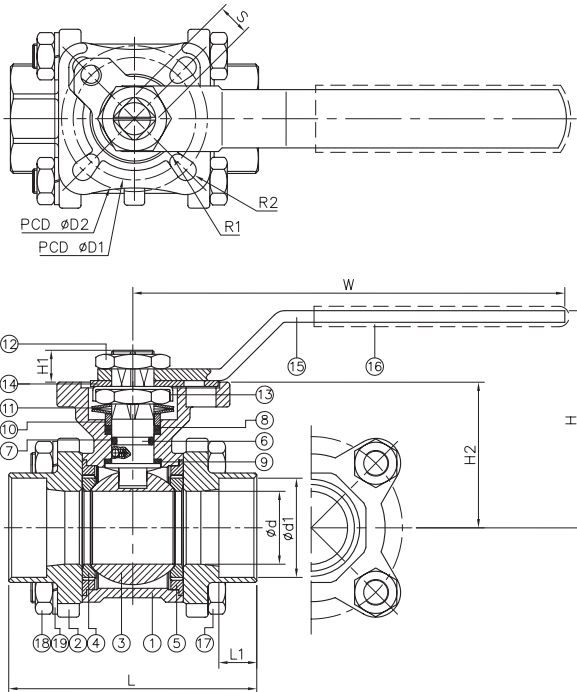
SERIES: B710SM - B710SC (1/4" - 2")

3-PC SOCKET WELD BALL VALVE

Stainless / Carbon Steel

DESIGN FEATURES:

- Full port, 1/4"~2" (DN8~DN50)
- **W.P. : 1000 WOG (PN63)**
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Live-loading design
- Locking device
- Silicone Free
- Anti-static device
- **Direct mounting pad ISO 5211**
- Automation accessories (option)
 - » ASME B16.11
 - » DIN3239
 - » ISO7/1 & EN10226



ITEM	PARTS	MATERIAL	
		B710SMMTXXX	B710SCMTXXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	SEAT	TFM 1600	
5	SEAL	PTFE	
6	STEM	ASTM A276-316	
7	O-RING	VITON	
8	PACKING	PTFE	
9	THRUST WASHER		
10	GLAND RING	AISI 304	
11	BELLEVILLE WASHER	AISI 301	
12	STEM NUT	AISI 304	
13	LOCK WASHER		
14	LOCKING DEVICE		
15	HANDLE	STAINLESS STEEL	
16	HANDLE SLEEVE	PVC	
17	BOLT	AISI 304	
18	NUT		
19	SPRING WASHER		

DN	d	L	H	H1	H2	W	S	D1	D2	R1	R2	ISO 5211	Torque (N-M)		Weight (kg)
													Breakaway	Action	
8	11.6	65	61.0	7.5	35.3	114.5	9	36	42	2.8	2.8	F03/F04	7	4	0.6
10	12.5	65	61.0	7.5	35.3	114.5	9	36	42	2.8	2.8	F03/F04	7	4	0.6
15	15.0	65	62.7	7.1	36.4	114.5	9	36	42	2.8	2.8	F03/F04	7	4	0.6
20	20.0	75	65.1	7.3	39.5	114.5	9	36	42	2.8	2.8	F03/F04	9	5	0.7
25	25.0	85	76.5	11.0	49.0	140.0	11	42	50	2.8	3.5	F04/F05	15	9	1.1
32	32.0	101	82.0	11.5	54.2	140.0	11	42	50	2.8	3.5	F04/F05	18	11	1.7
40	38.0	112	102.0	12.4	64.6	172.0	14	50	70	3.5	4.5	F05/F07	25	15	2.6
50	50.0	130	110.1	13.6	72.5	172.0	14	50	70	3.5	4.5	F05/F07	35	21	3.7

unit: mm

NPS	d	L	H	H1	H2	W	S	D1	D2	R1	R2	ISO 5211	Torque (in-lb)		Weight (lb)
													Breakaway	Action	
1/4"	0.46	2.56	2.40	0.30	1.39	4.51	0.35	1.42	1.65	0.11	0.11	F03/F04	62.0	35.4	1.2
3/8"	0.49	2.56	2.40	0.30	1.39	4.51	0.35	1.42	1.65	0.11	0.11	F03/F04	62.0	35.4	1.2
1/2"	0.59	2.56	2.47	0.28	1.43	4.51	0.35	1.42	1.65	0.11	0.11	F03/F04	62.0	35.4	1.2
3/4"	0.79	2.95	2.56	0.29	1.56	4.51	0.35	1.42	1.65	0.11	0.11	F03/F04	79.7	44.3	1.6
1"	0.98	3.35	3.01	0.43	1.93	5.51	0.43	1.65	1.97	0.11	0.14	F04/F05	132.8	79.7	2.4
1-1/4"	1.26	3.98	3.23	0.45	2.13	5.51	0.43	1.65	1.97	0.11	0.14	F04/F05	159.3	97.4	3.7
1-1/2"	1.50	4.41	4.02	0.49	2.54	6.77	0.55	1.97	2.76	0.14	0.18	F05/F07	221.3	132.8	5.7
2"	1.97	5.12	4.33	0.54	2.85	6.77	0.55	1.97	2.76	0.14	0.18	F05/F07	309.8	185.9	8.2

unit: in

FOR ADDITIONAL SIZES SEE NEXT PAGE