



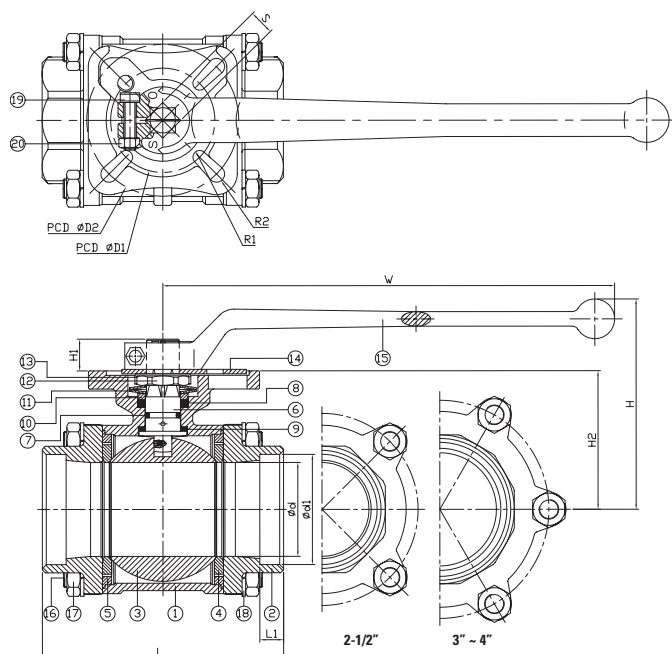
SERIES: B710SM - B710SC (2-1/2" - 4")

3-PC SOCKET WELD BALL VALVE

Stainless / Carbon Steel

DESIGN FEATURES:

- Full port, 2 1/2"~ 4" (DN65~DN100)
- **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)
- Socket Weld Ends:
 - » ASME B16.11
 - » DIN3239
 - » ISO7/1 & EN10226



ITEM	PARTS	MATERIAL	
		B710SMMTXXX	B710SCMTXXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL		
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	BOLT		
16	NUT		
17	SPRING WASHER		

DN	d	L	H	H1	S	D1	D2	R1	R2	ISO 5211	Torque (N-M)		Weight (kg)
											Breakaway	Action	
65	63	162	16.3	92	17	70	102	4.5	5.5	F07/F10	55	33	7.4
80	76	188	16.3	100	17	70	102	4.5	5.5	F07/F10	70	42	10.3
100	96	224	20.5	130	22	102	125	5.5	6.5	F10/F12	90	54	19.9

unit: mm

NPS	d	L	H	H1	S	D1	D2	R1	R2	ISO 5211	Torque (in-lb)		Weight (lb)
											Breakaway	Action	
2-1/2"	2.48	6.38	0.64	3.62	0.67	2.76	4.02	0.18	0.22	F07/F10	486.8	292.1	16.3
3"	2.99	7.40	0.64	3.94	0.67	2.76	4.02	0.18	0.22	F07/F10	619.5	371.7	22.7
4"	3.78	8.82	0.81	5.12	0.87	4.02	4.92	0.22	0.26	F10/F12	796.6	477.9	43.9

unit: in