



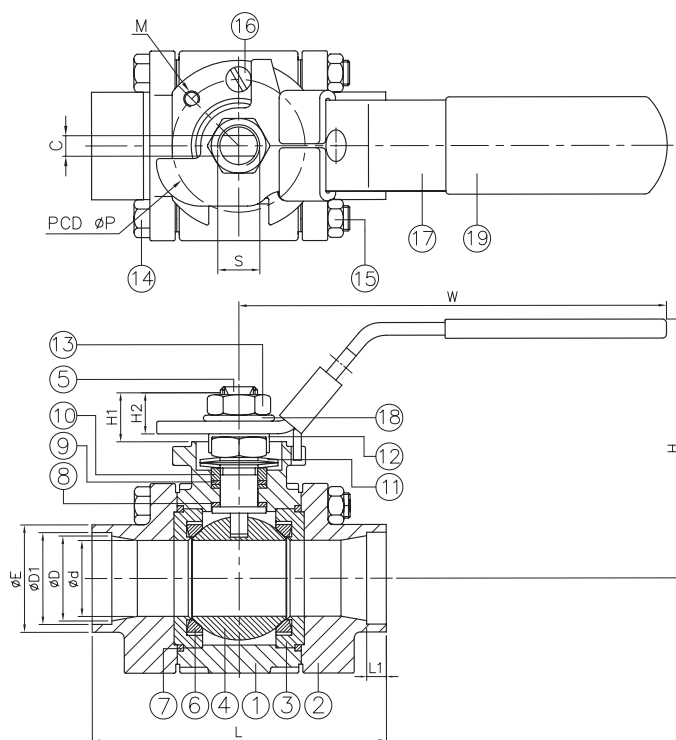
SERIES: B920SM - B920SC (1" - 2")

3-PC SOCKET WELD END BALL VALVE

Stainless / Carbon Steel

DESIGN FEATURES:

- Full port, 1" ~ 2" (DN25~DN50)
- **W.P. :**
 - » 1/4" ~ 1" - 2000 WOG
 - » 1-1/4" ~ 2" - 1500 WOG
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Silicone Free
- Anti-static device
- Locking device
- Thread Type:
 - » ASME B1.20.1 (NPT)
 - » DIN2999 & BS21
 - » ISO7/1 & EN10226
- NACE MR0103
- **API 607 Fire Safe Approved**
- API 608 Design



ITEM	PARTS	MATERIAL	
		B920SMRGXXX	B920SCRGXXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP	ASTM A351-CF3M	
3	RETAINER	ASTM A351-CF8M	
4	BALL		
5	STEM	ASTM A276-316	
6	BALL SEAT	RTFE	
7	GASKET	GRAPHITE	
8	THRUST WASHER	CTFE	
9	PACKING	GRAPHITE	
10	GLAND RING	AISI 304	
11	DISC SPRING	AISI 301	
12	LOCK PAD	ASTM A167-304	
13	STEM NUT	ASTM A194-8A	
14	BOLT	ASTM A193-B8A	
15	NUT	ASTM A194-8A	
16	STOP PIN	AISI 304	
17	HANDLE	STAINLESS STEEL	
18	SPRING WASHER	AISI 304	
19	HANDLE SLEEVE	PVC	

DN	d	D	D1	E	L	L1	H	H1	H2	W	C	P	ISO 5211	M	S	Torque (N-M)	Weight (kg)
25	24	26.6	34.5	44.8	93.0	13	81.5	15.5	14.0	146	7.5	42	F04	M5*0.8	7/16"-20UNF	10.2	1.7
32	30	35.0	43.0	54.0	110.6	13	85.9	15.5	15.0	146	7.5	42	F04	M5*0.8	7/16"-20UNF	15.9	2.7
40	38	41.0	49.0	62.0	122.6	13	96.7	27.3	18.7	180	8.6	50	F05	M6*1.0	9/16"-18UNF	21.0	3.9
50	50	52.5	61.2	76.0	140.0	16	104.9	28.1	19.0	180	8.6	50	F05	M6*1.0	9/16"-18UNF	32.1	6.2

unit: mm

NPS	d	D	D1	E	L	L1	H	H1	H2	W	C	P	ISO 5211	M	S	Torque (in-lb)	Weight (lb)
1"	0.94	1.05	1.36	1.76	3.66	0.51	3.21	0.61	0.55	5.75	0.30	1.65	F04	M5*0.8	7/16"-20UNF	90.2	3.8
1-1/4"	1.18	1.38	1.69	2.13	4.35	0.51	3.38	0.61	0.59	5.75	0.30	1.65	F04	M5*0.8	7/16"-20UNF	141.0	6.0
1-1/2"	1.5	1.61	1.93	2.44	4.83	0.51	3.81	1.07	0.74	7.09	0.34	1.97	F05	M6*1.0	9/16"-18UNF	186.0	8.5
2"	1.97	2.07	2.41	2.99	5.51	0.63	4.13	1.11	0.75	7.09	0.34	1.97	F05	M6*1.0	9/16"-18UNF	284.1	13.6

unit: in