



3-PC. SOCKET WELD END BALL VALVE

SM2300CS/SM3300SS

FEATURES

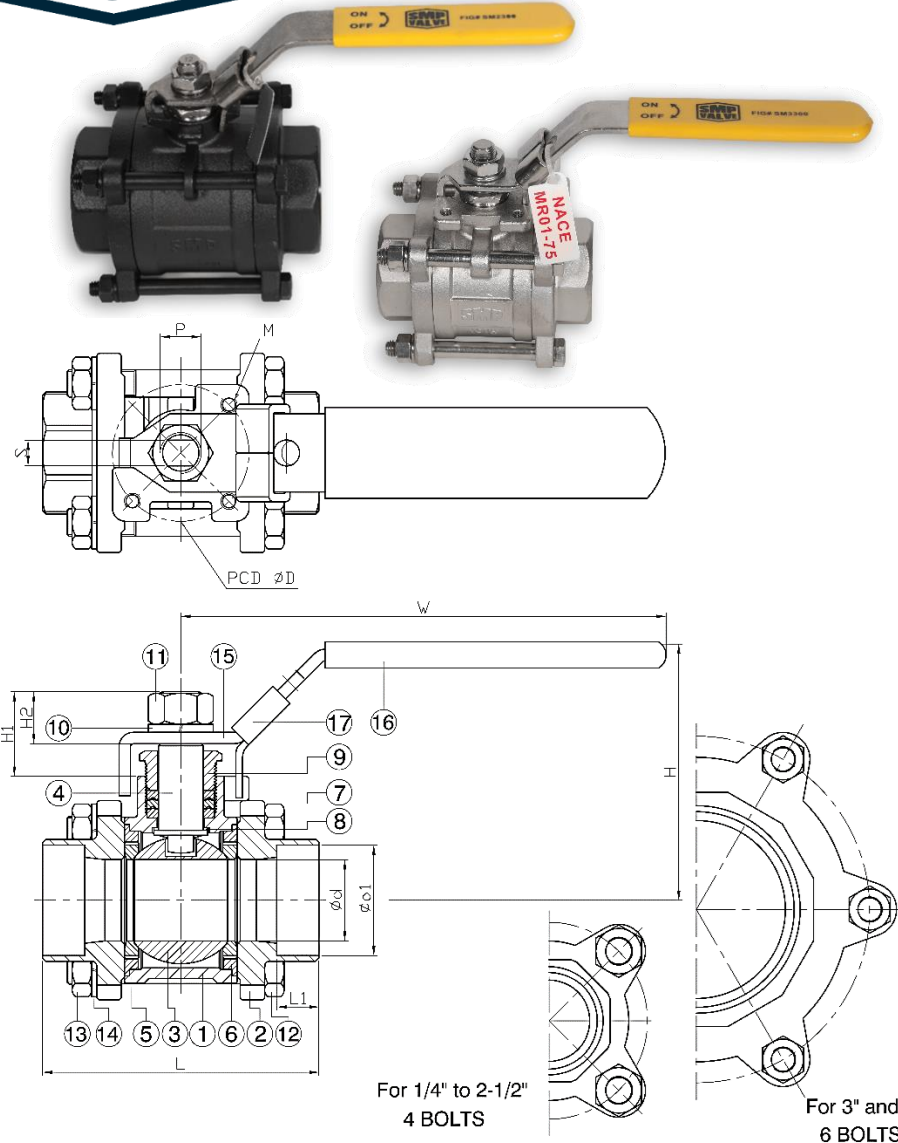
- Full Port 1/4" through 4"
- Working Pressure 1000 WOG
- Working Temperature -4° F through 392°F
- Blow-out Proof Stem
- Locking Device
- SM2300CS: A216-WCB • SM3300SS: A351-CF8M

SPECIFICATIONS

- Socket Weld Ends Conform to ASME/ANSI B16.11
- API-598 Pressure tested
- NACE MR-0175 STANDARD

Materials of Construction

Item	Part	Material Spec	
1	BODY	ASTM A216-WCB	ASTM A351-CF8M
2	CAP		
3	BALL	ASTM A351-CF8M	
4	STEM	ASTM A276-316	
5	SEAT	RTFE	
6	GASKET	PTFE	
7	PACKING	PTFE	
8	THRUST WASHER	PTFE	
9	GLANDNUT	AISI 304	
10	SPRING WASHER		
11	STEMNUT		
12	BOLT		
13	NUT		
14	SPRING WASHER	Stainless Steel	
15	HANDLE		
16	HANDLE SLEEVE	PVC	
17	LATCH LOCK	Stainless Steel	



Dimensions (Inches)

NPS	d	d1	L	L1	H	H1	H2	W	S	D	M	P	ISO	Torque (in-lb)	Weight (lb)
1/4"	0.46	0.57	2.56	0.39	2.26	0.76	0.53	4.07	0.2	1.42	M5	3/8"-24UNF	F03	66.4	0.8
3/8"	0.49	0.71	2.56	0.39	2.26	0.76	0.53	4.07	0.2	1.42	M5	3/8"-24UNF	F03	66.4	0.8
1/2"	0.59	0.87	2.56	0.39	2.42	0.76	0.53	4.07	0.2	1.42	M5	3/8"-24UNF	F03	66.4	1.2
3/4"	0.79	1.08	2.95	0.51	2.54	0.92	0.63	4.76	0.26	1.42	M5	7/16"-20UNF	F03	66.4	1.6
1"	0.98	1.34	3.35	0.51	3.15	1.01	0.64	5.79	0.31	1.65	M5	7/16"-20UNF	F04	110.6	2.3
1-1/4"	1.26	1.69	3.98	0.51	3.35	1.01	0.64	5.79	0.31	1.65	M5	7/16"-20UNF	F04	132.8	3.6
1-1/2"	1.5	1.93	4.41	0.51	4.08	1.17	0.79	7.4	0.39	1.97	M6	1/2"-20UNF	F05	177	5.3
2"	1.97	2.42	5.12	0.63	4.36	1.17	0.79	7.4	0.39	1.97	M6	1/2"-20UNF	F05	221.3	7.9
2-1/2"	2.48	2.91	6.38	0.63	5.4	1.55	1.08	9.84	0.47	2.76	M8	3/4"-10UNC	F07	566.4	14.8
3"	2.99	3.54	7.4	0.63	5.74	1.55	1.08	9.84	0.47	2.76	M8	3/4"-10UNC	F07	752.3	21.6
4"	3.78	4.55	8.82	0.79	7.15	2.11	1.57	12.52	0.63	4.02	M10	1"-8UNC	F10	840.8	42.3

The information presented on this sheet is correct at the time of publication. Service Metal reserves the right to change design, and/or material specifications without notice.

PRESSURE-TEMPERATURE RATING

