



2-PC. SCREWED END BALL VALVE

SM2200CT/SM3200ST

FEATURES

- Full port
- Working Pressure:
 - 1/4" - 1" 2000 WOG
 - 1-1/4" - 2" 1500 WOG
 - 2-1/2" - 3" 1000 WOG
- Working Temperature: -4° F through 392°F
- Blow-out Proof Stem
- Locking Device
- Drilled and Tapped Mounting Pad
- SM2200CT: A216-WCB • SM3200ST: A351-CF8M

SPECIFICATIONS

- Thread Ends Conform to ASME/ANSI B1.20.1 (NPT)

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	Gland Nut	AISI 304	
6	Seat	RTFE	
7	Seal	PTFE	
8	Packing	PTFE	
9	Thrust Washer	PTFE	
10	Spring Washer	AISI 304	
11	Nut		
12	Handle	Stainless Steel	
13	Handle Sleeve	PVC	
14	Locking Device	Stainless Steel	

Dimensions (Inches)

NPS	d	L	L1	H	H1	H2	H3	W	S	E	M	P	Torque (in-lb)	Weight (lb)
1/4"	0.46	2.38	0.55	2.13	0.98	0.67	0.43	4.06	0.2	1.1	3/16"	5/16"W	36	0.6
3/8"	0.51	2.38	0.55	2.13	0.98	0.67	0.43	4.06	0.2	1.1	3/16"	5/16"W	36	0.6
1/2"	0.59	2.52	0.55	2.23	1.02	0.7	0.43	4.06	0.2	1.1	3/16"	5/16"W	39	0.7
3/4"	0.79	3.03	0.87	2.51	1.25	0.89	0.53	4.96	0.26	1.38	3/16"	3/8"W	52	1.2
1"	0.98	3.54	0.87	3.02	1.47	1.03	0.62	6.46	0.31	1.38	3/16"	7/16"W	65.1	1.9
1-1/4"	1.26	3.94	0.94	3.26	1.48	0.98	0.62	6.46	0.31	1.54	1/4"	7/16"W	78.1	2.8
1-1/2"	1.5	4.65	0.94	3.76	1.66	1.07	0.67	7.48	0.35	1.5	1/4"	1/2"W	116.8	4.4
2"	1.97	5.43	0.94	4.15	1.7	1.11	0.67	7.48	0.35	1.5	1/4"	1/2"W	143.4	6.9
2-1/2"	2.56	6.56	1.38	5.59	2.33	1.68	1.08	9.72	0.47	2.17	1/4"	3/4"W	390.3	13.2
3"	3.15	7.6	1.38	6.02	2.32	1.59	1.08	9.72	0.47	2.17	1/4"	3/4"W	412.4	22.3

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.



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PRESSURE-TEMPERATURE RATING

TEMPERATURE °C

20 38 93 149 205 260 315

