



2-PC. SCREWED END BALL VALVE

SM2200CTG/SM3200STG

FEATURES

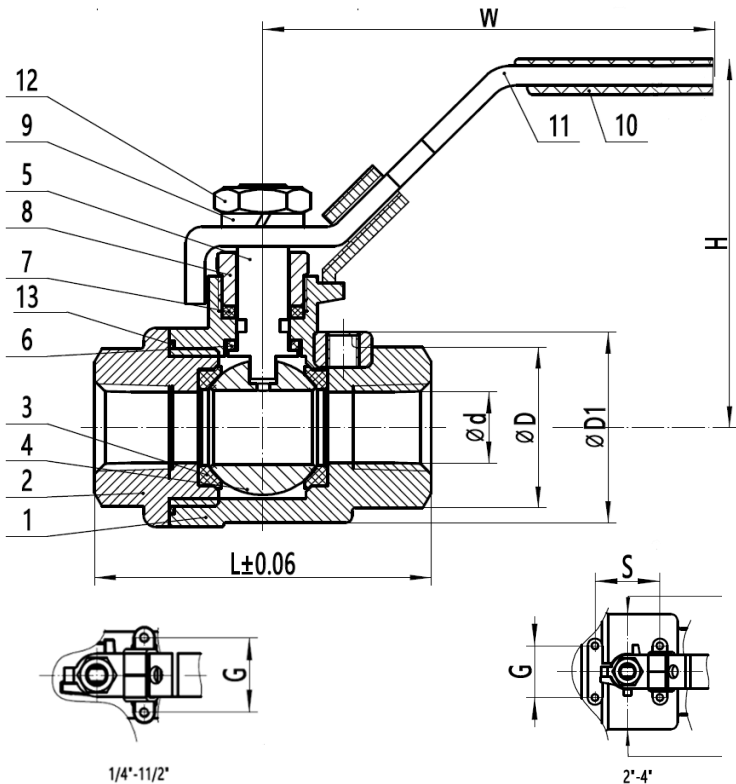
- Full port
- Working Pressure:
 - ¼" to 2" 2000 WOG
 - 2-½" - 3" 1000 WOG
- Working Temperature -20° F through 302°F
- Blow-out Proof Stem
- Locking Device
- Mounting Pad
- SM2200CTG: A216-WCB • SM3200STG: A351-CF8M

SPECIFICATIONS

- Thread Ends Conform to ASME/ANSI B1.20.1 (NPT)
- 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	Seat	PTFE+15% GF	
4	Ball	ASTM A182 F316	
5	Stem	ASTM A276 316	
6	Gasket	PTFE	
7	Stem Packing	PTFE+15% GF	
8	Packing Gland	SS304	
9	Spring Washer	SS304	
10	Handle Cover	PVC	
11	Handle	SS304	
12	Nut	A2-70	
13	Cap Gasket	PTFE	



Dimensions (Inches)

NPS	L +/- 0.06	H	W	d	D	D1	G	S	M	Cv	Torque (in-lb)	Weight (lb)
1/4"	2.08	1.89	4.13	0.43	0.97	1.16	0.99		10-24UNC	10	35	0.5
3/8"	2.08	2.2	4.13	0.5	1.10	1.18	0.99		10-24UNC	10	37	0.5
1/2"	2.48	2.28	4.92	0.59	1.10	1.34	0.99		10-24UNC	12	40	0.6
3/4"	2.83	2.44	5.70	0.79	1.46	1.68	1.38		10-24UNC	35	71	0.9
1"	3.38	2.44	6.10	0.98	1.87	2.00	1.38		10-24UNC	60	53	1.3
1-1/4"	3.93	2.91	6.10	1.25	2.05	2.51	1.5		1/4-20UNC	100	97	2.3
1-1/2"	4.24	3.62	7.49	1.5	2.36	2.99	1.5		1/4-20UNC	150	142	3.0
2"	4.85	3.62	7.49	1.97	3.22	3.72	1.5	1.94	1/4-20UNC	250	177	4.6

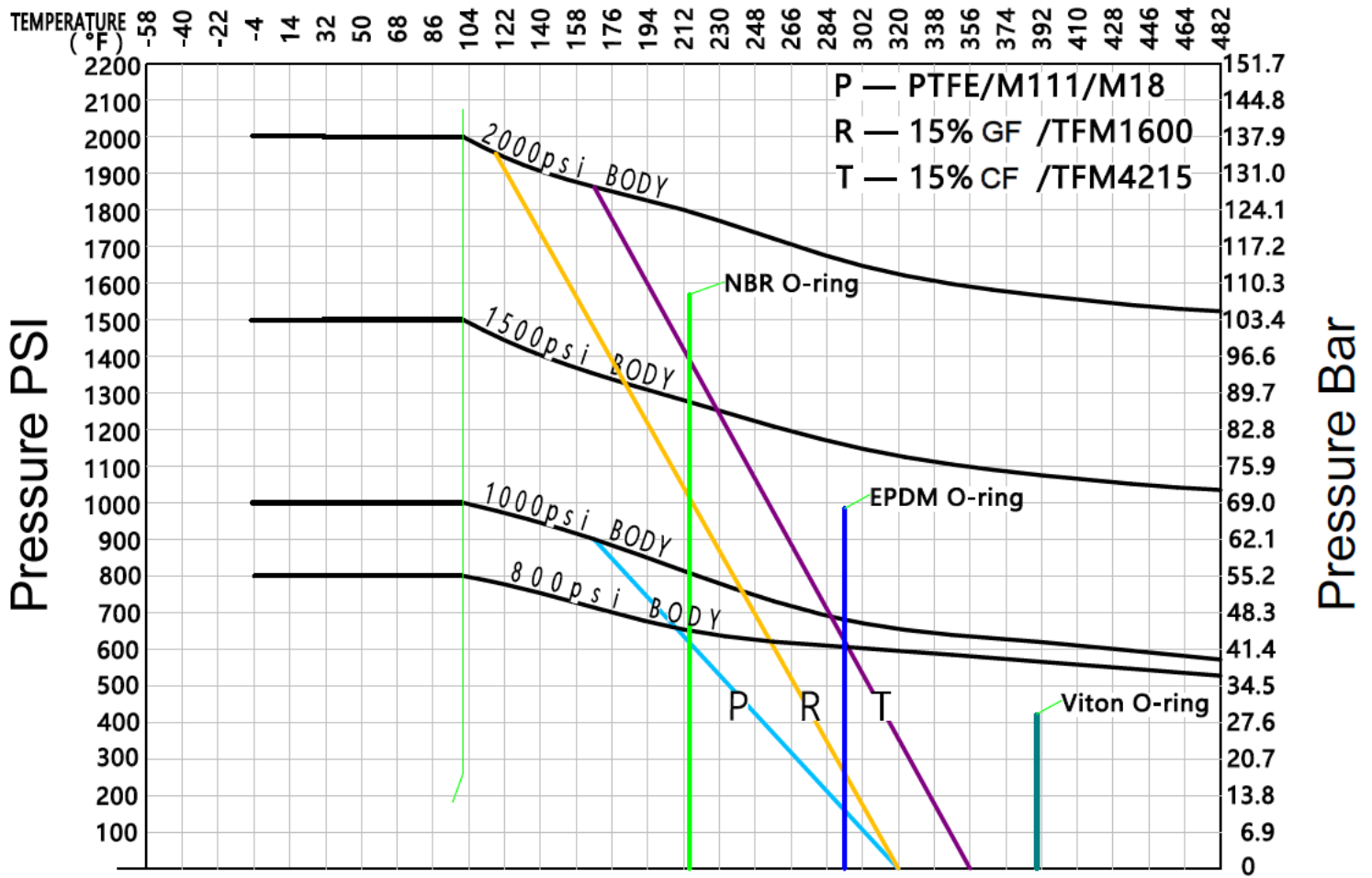
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Ball Valve Pressure Temperature Curve 019-1.1



This chart is for reference only. Performance may be affected by other application parameters.