



2-PC. SCREWED END BALL VALVE

SM3000ST

FEATURES

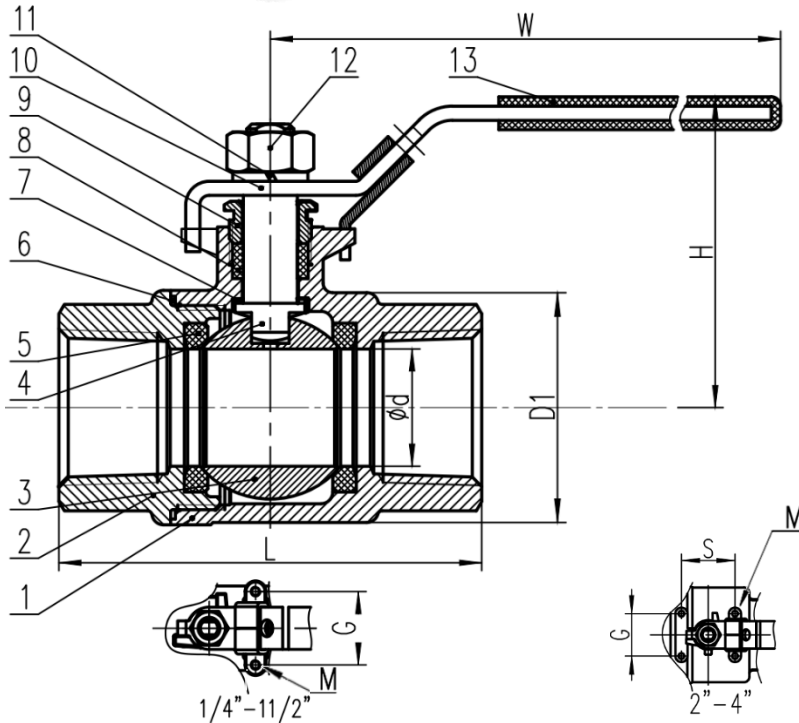
- Full Port
- Working Pressure: 1000 WOG
- Working Temperature -20° F through 302°F
- Blow-out Proof Stem
- Locking Device
- Drilled and Tapped Mounting Pad

SPECIFICATIONS

- Thread Ends Conform to ASME/ANSI B1.20.1 (NPT)
- ASME B16.34

Materials of Construction

Item	Part	Material Spec
1	Body	A351-CF8M
2	Cap	A351-CF8M
3	Ball	A182-F316
4	Stem	A276-316
5	Seat	PTFE+15%GF
6	Cap Gasket	PTFE
7	Gasket	PTFE
8	Stem Packing	PTFE+15%GF
9	Packing Gland	304
10	Handle	304
11	Spring Washer	304
12	Nut	304
13	Handle Cover	PVC



Dimensions (Inches)

NPS	L +/- 0.06	H	W	d	D1	G	S	M	Cv	Torque (in-lb)	Weight (lb)
1/4"	2.13	1.89	3.94	3.94	1.06	0.99		10-24UNC	10	40	0.5
3/8"	2.16	1.89	3.94	3.94	1.06	0.99		10-24UNC	10	40	0.5
1/2"	2.24	1.97	4.33	4.33	1.28	0.99		10-24UNC	12	44	0.6
3/4"	2.68	2.09	4.92	4.92	1.52	1.38		10-24UNC	35	53	0.9
1"	3.15	2.68	5.71	5.71	1.91	1.38		10-24UNC	60	89	1.3
1-1/4"	3.58	2.91	6.3	6.3	2.26	1.5		1/4-20UNC	100	106	2.3
1-1/2"	4.05	3.38	7.09	7.09	2.68	1.5		1/4-20UNC	150	159	3.0
2"	4.88	3.7	7.09	7.09	3.41	1.5	1.94	1/4-20UNC	250	212	4.6
2-1/2"	6.18	4.72	10.2	10.2	4.57	2.58	2.56	5/16-18UNC	620	177	14.5
3"	7.28	5.35	12.2	12.2	5.31	2.58	2.77	5/16-18UNC	938	177	21.3
4"	9.01	6.14	14.57	14.57	6.71	2.76	2.76	5/16-18UNC	1466	327	47.5

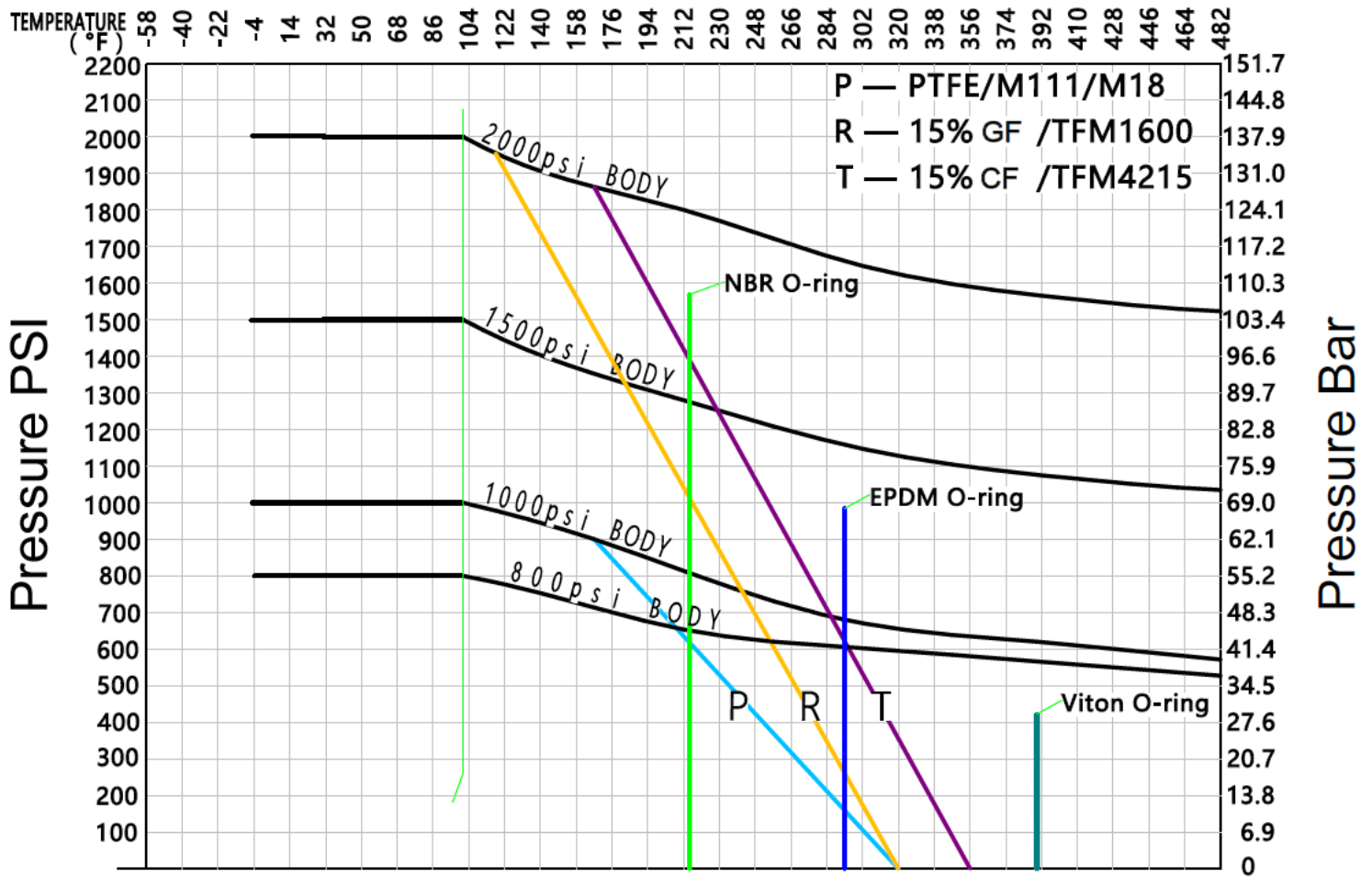
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Ball Valve Pressure Temperature Curve 019-1.1



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