



SM2515CFF/SM3515SFF

FEATURES

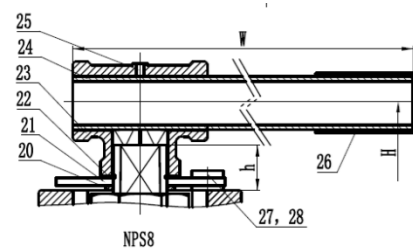
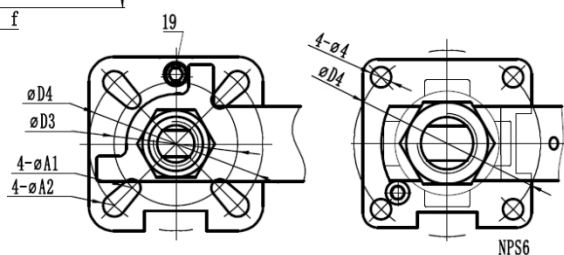
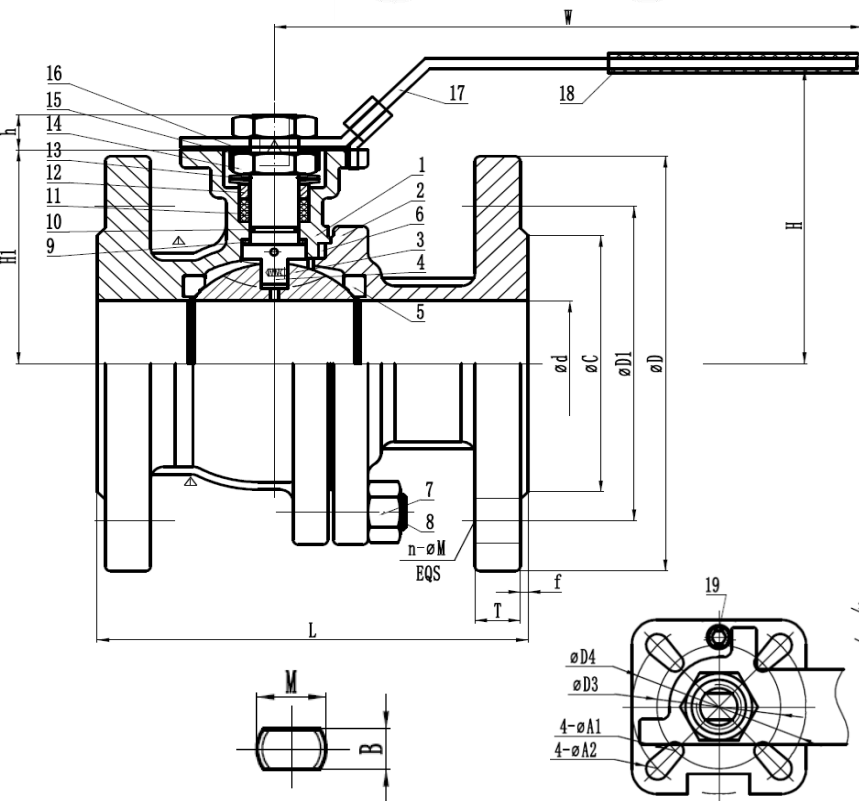
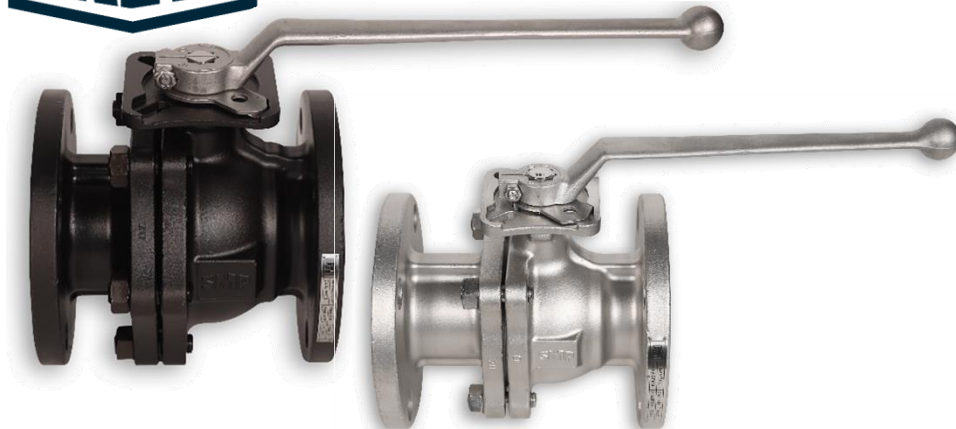
- Full Port 1/2" through 8"
- Working Pressure Class 150
- Working Temperature -4° F through 392°F
- Blow-out Proof Stem
- Live-loading Design
- SM2515CFF: A216-WCB
- Locking Device
- Anti-Static Device
- SM3515SFF: A351-CF8M

SPECIFICATIONS

- ISO 5211 Direct Mounting Pad
- API 607 Fire Safe tested
- API 598 Pressure tested
- Fire Safe Design

Materials of Construction

Item	Part	Material Spec	Item	Part	Material Spec
1	Body	ASTM A216 WCB	15	Spacer	SS304
2	Cap	ASTM A351 CF8M	16	Washer	SS304
3	Ball	A182-F316	17	Handle	SS304
4	Stem	A276-316	18	Handle Sleeve	PVC
5	Seat	PTFE+15%GF	19	Stop Screw	SS304
6	Sealing Gasket	316L+Graphite	20	Washer	SS304
7	Nut	A194-2H	21	Lock Plate	SS304
8	Stud	A193-B7	22	Retainer Clip	SS304
9	Thrust Gasket	PTFE+15%GF	23	Handle Hub	A351-CF8
10	O-Ring	VITON	24	Handle	SS304
11	Packing	Graphite	25	Lock Screw	SS304
12	Gland	SS304	26	Handle Sleeve	PVC
13	Disc spring	SS301	27	Stop Screw	SS304
14	Packing Nut	SS304	28	Nut	SS304



Dimensions (Inches)

NPS	d	D	D1	C	T	f	n-M	L	h	H1	H	W	M	B	D3	D4	A1	A2	ISO	Cv	Weight (lbs)	Torque (in-lbs)
1/2"	0.59	3.50	2.38	1.38	0.33	0.06	4-0.63	4.25	0.35	1.89	3.15	5.55	0.47	0.31	1.42	1.97	0.24	0.28	F03-F05	25	4.0	53
3/4"	0.79	3.90	2.75	1.69	0.37	0.06	4-0.63	4.61	0.35	2.13	3.39	5.55	0.47	0.31	1.42	1.97	0.24	0.28	F03-F05	56	4.9	71
1"	0.98	4.25	3.12	2.00	0.39	0.06	4-0.63	5.00	0.43	2.40	3.86	6.38	0.55	0.39	1.65	1.97	0.24	0.28	F04-F05	98	6.7	133
1-1/2"	1.50	5.00	3.88	2.87	0.50	0.06	4-0.63	6.50	0.55	2.99	4.49	8.66	0.71	0.47	1.97	2.76	0.27	0.35	F05-F07	235	11.7	177
2"	1.97	5.98	4.75	3.62	0.56	0.06	4-0.75	7.01	0.55	3.35	4.84	8.66	0.71	0.47	1.97	2.76	0.27	0.35	F05-F07	366	18.2	354
2-1/2"	2.52	7.01	5.50	4.12	0.62	0.06	4-0.75	7.48	0.67	4.25	6.06	11.22	0.87	0.55	2.76	4.02	0.35	0.43	F07-F10	620	28.9	531
3"	2.99	7.48	6.00	5.00	0.69	0.06	4-0.75	7.99	0.87	5.12	6.89	14.96	1.10	0.79		4.02		0.43	F10	938	39.5	797
4"	3.94	9.02	7.50	6.19	0.89	0.06	4-0.75	9.02	0.87	5.83	7.72	14.96	1.10	0.79		4.02		0.43	F10	1466	65.3	1195
6"	5.90	10.98	9.50	8.50	0.94	0.06	8-0.87	15.51	1.26	7.95	10.31	25.83	1.42	0.94		4.92		0.55	F12	3298	155.7	3098
8"	7.95	13.50	11.75	10.62	1.06	0.06	8-0.87	17.99	1.34	10.24	12.44	47.24	1.54	1.06	5.51	6.50	0.71	0.87	F14-F16	5863	291.6	4868

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.



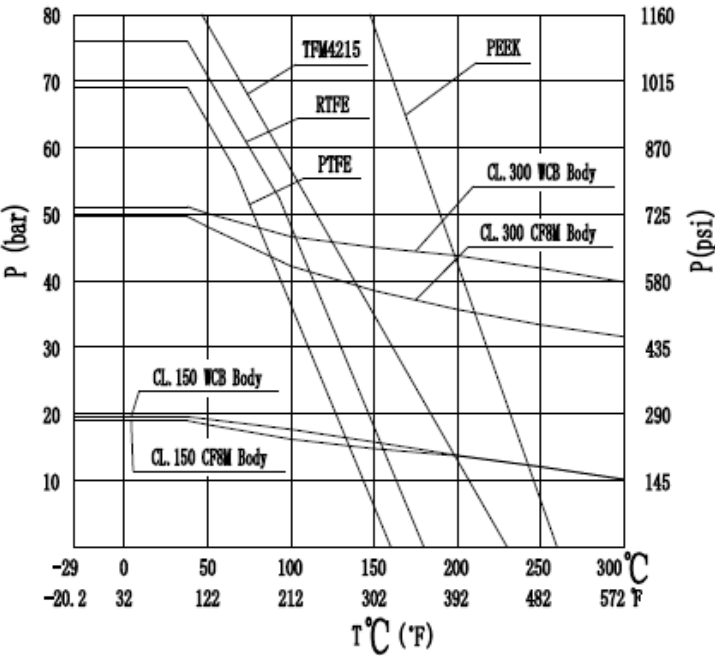
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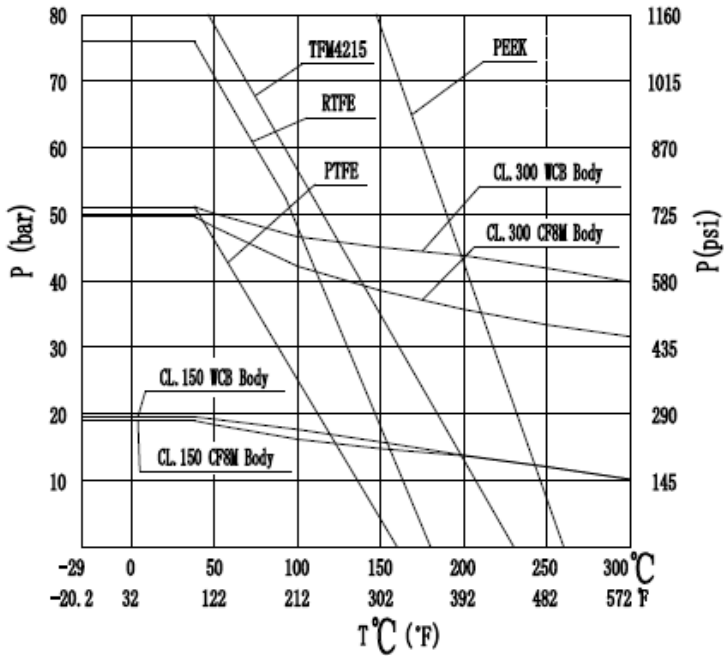
Floating Ball Valve Pressure Temperature Curve

Floating Ball Valve Class 150/300

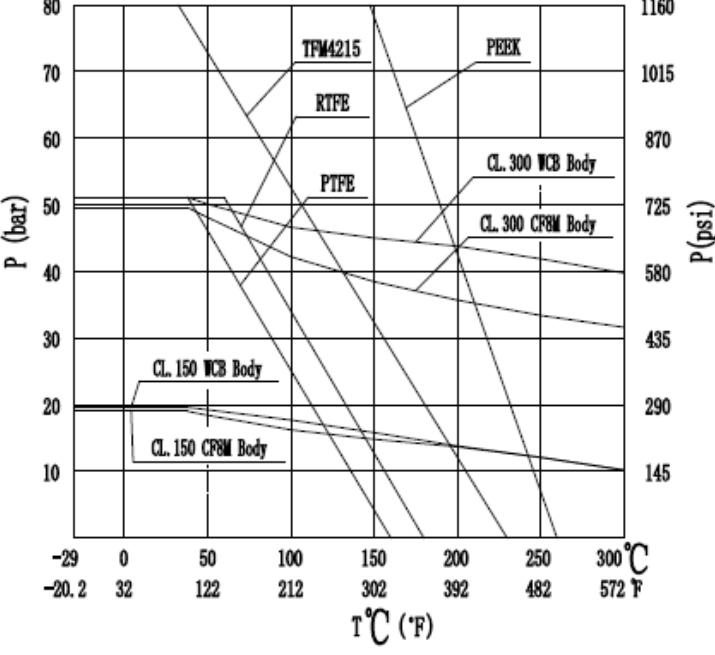
Full Bore: 1/2" to 1"



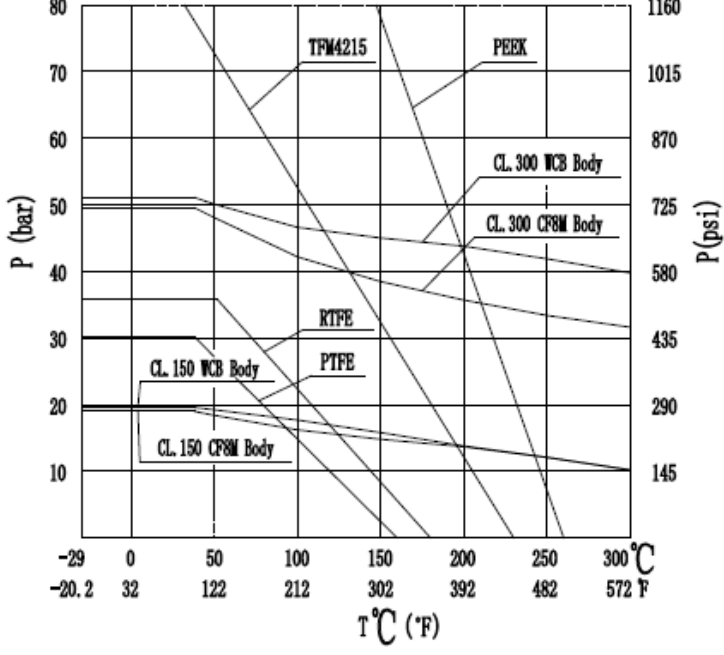
Full Bore: 1-1/4" to 2-1/2"



Full Bore: 3" to 4"



Full Bore: 5" to 8"



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