

# TC-WL, TC-WT VALVE

## 3 WAY REDUCED PORT 1000 WOG BALL VALVE, THREADED "L" PORT, "T" PORT



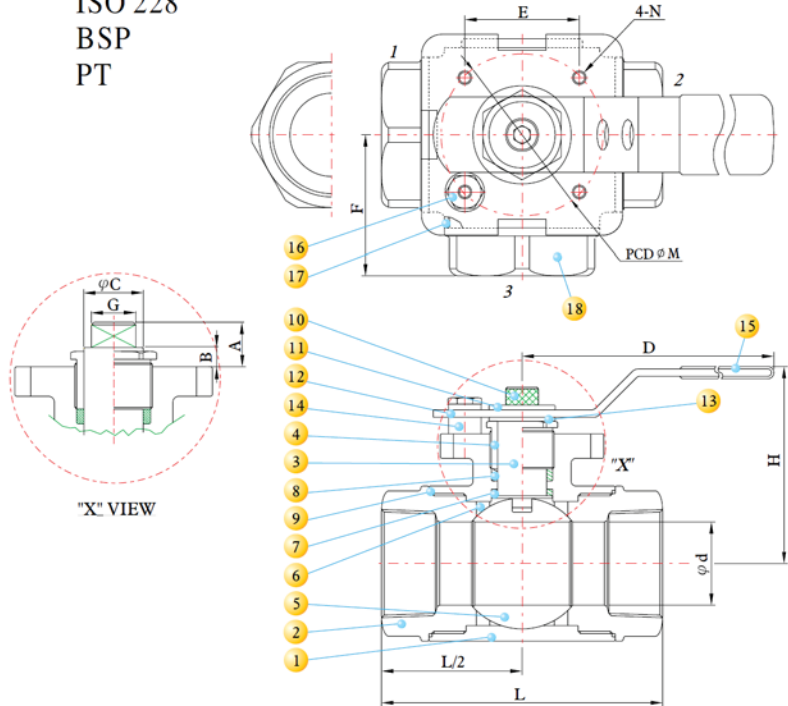
### DESIGN FEATURES:

- Steam rating: 150 psi WSP
- Blow-out-proof stem design
- ISO 5211 Actuator Mounting Pad
- Body: ASTM A351 Gr.CF8M
- Ball: SS316
- Stem: SS316
- Seat: Reinforced Teflon
- End Connections: Threaded End
- Working Pressure: 1000 psi
- Temperature Range: -50° to 450° F
- TEST STANDARD: API 598
- Options: Padlocking device
- Threaded Type:  
ANSI B1.20.1 (NPT)  
DIN 259/DIN 2999  
ISO 228  
BSP  
PT

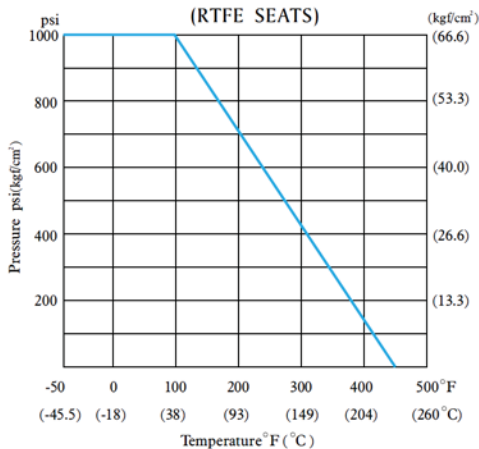
POSITION	A	B	C	D
L PORT				
T PORT				

### MATERIALS LIST

NO.	PART NAME	MATERIAL	QTY
1	BODY	ASTM A351 Gr.CF8M	1
2	CAP2	ASTM A351 Gr.CF8M	2
3	STEM	ASTM A276 Gr.316	1
4	GLAND NUT	SS304	1
5	BALL	ASTM A351 Gr.CF8M	1
6	SEAT	PTFE+15% G/F	4
7	THRUST WASHER	PTFE	1
8	PACKING	PTFE	1
9	JOINT GASKET1	PTFE	2
10	STEM BOLT	SS304	1
11	WASHER	SS304	1
12	HANDLE	SS304	1
13	STEM WASHER	SS304	1
14	SET SCREW	SS304	1
15	HANDLE SLEEVE	VINYL GRIP	1
16	SET BOLT	SS304	1
17	JOINT GASKET	PTFE	1
18	CAP1	ASTM A351 Gr. CF8M	1



### PRESSURE TEMPERATURE RATINGS



### DIMENSIONS

SIZE	A		B		C		G		d		L		H		D		E		F		M		N	Cv	Weight		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	Factor	Kg			Lb		
1/4"	8	0.42	10.7	0.22	5.7	0.47	12.0	0.35	9.0	0.43	11.0	2.73	69.4	2.46	62.5	5.25	133.4	1.18	30.0	1.40	35.5	1.65	42	M5*P0.8	6	0.82	1.81
3/8"	10	0.42	10.7	0.22	5.7	0.47	12.0	0.35	9.0	0.43	11.0	2.73	69.4	2.46	62.5	5.25	133.4	1.38	30.0	1.40	35.5	1.65	42	M5*P0.8	6	0.78	1.72
1/2"	15	0.42	10.7	0.22	5.7	0.47	12.0	0.35	9.0	0.50	12.7	2.98	75.7	2.59	65.9	5.25	133.4	1.38	35.0	1.57	40.0	1.65	42	M5*P0.8	12	0.74	1.63
3/4"	20	0.43	10.9	0.15	3.9	0.59	15.0	0.43	11.0	0.63	16.0	3.40	86.6	3.34	84.9	7.03	178.5	1.38	35.0	1.65	42.0	1.97	50	M6*P1.0	16	1.18	2.60
1"	25	0.79	20.0	0.33	8.5	0.59	15.0	0.43	11.0	0.79	20.0	4.03	102.4	3.49	88.7	7.03	178.5	1.38	35.0	1.73	44.0	1.97	50	M6*P1.0	20	1.70	3.74
1 1/4"	32	0.92	23.4	0.31	7.9	0.59	15.0	0.43	11.0	0.98	25.0	4.65	118.2	3.30	83.9	8.26	209.9	1.38	35.0	1.81	46.0	1.97	50	M6*P1.0	37	2.82	6.21
1 1/2"	40	1.01	25.8	0.41	10.3	0.59	15.0	0.43	11.0	1.26	32.0	4.95	125.8	4.07	103.3	8.19	208.0	1.95	49.5	2.24	57.0	2.76	70	M8*P1.25	103	3.96	8.72
2"	50	1.00	25.3	0.39	9.8	0.73	18.5	0.55	14.0	1.50	38.1	5.87	149.0	4.39	111.5	9.05	229.9	1.97	50.0	2.52	64.0	2.76	70	M8*P1.25	143	6.78	14.93