

# TC-300TE TUBE END VALVE

## 3PC 1000 WOG TRUE PORT TUBE END SANITARY BALL VALVE(with ISO 5211 direct mount pad )

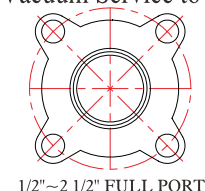


### MATERIALS LIST

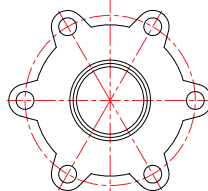
NO.	PART NAME	MATERIAL	QTY
1	BODY	ASTM A351 Gr.CF8M	1
2	CAP	ASTM A351 Gr.CF8M	2
3	BALL	ASTM A351 Gr.CF8M	1
4	SEAT	PTFE	2
5	BOLT	ASTM A193 Gr.B8	4~6
6	GASKET	PTFE	2
7	THRUST WASHER	PTFE	1
8	STEM	ASTM A276 Gr.316	1
9	O-RING	VITON	1
10	PACKING	PTFE	1
11	RING	SS304	1
12	BELLEVEILLE WASHER	SS410	2
13	HANDLE NUT	SS304	2
14	STOPPER	SS304	1
15	LOCKING PLATE	SS304	1
16	HANDLE	SS304	1
17	HANDLE SLEEVE	VINYL GRIP	1
18	BOLT WASHER	SS304	4~6
19	BOLT NUT	ASTM A194 Gr.8	4~6
20	STOP WASHER	SS304	1

### DESIGN FEATURES:

- Steam rating:150 psi WSP
- INVESTMENT CASTING BODY & CAP
- TEMPERATURE RATING : -45.5° C (-50° F) to 204.4° C (400° F)
- BLOW - OUT- PROOF STEM
- ANTI - STATIC DEVICE
- ADJUSTABLE STEM PACKING
- HANDLE WITH LOCKING DEVICE
- FULL ISO-5211 PAD FOR DIRECT MOUNT AUTOMATION
- End Connections: TUBE END
- PTFE CAVITY FILLERS
- FOR FOOD AND GENERAL CHEMICAL SERVICE APPLICATION
- TEST STANDARD: API 598
- VALVES MARKED WITH HEAT NUMBERS FOR FULL IDENTIFICATION AND TRACEABILITY.
- INTERNAL FINISH 10Ra , OTHER FINISH AVAILABLE ON REQUEST
- NACE MR-0175 FULL COMPLIANCE
- MSS SP- 110 Compliant
- Vacuum Service to 29" Hg

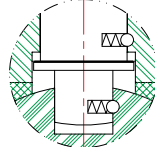


1/2"~2 1/2" FULL PORT

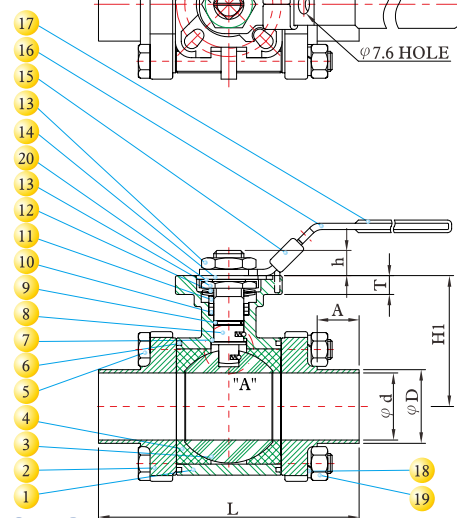
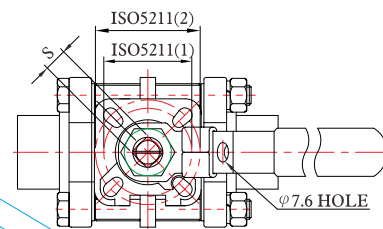


3"~4" FULL PORT

Pyramidal Stem & Anti-static Device

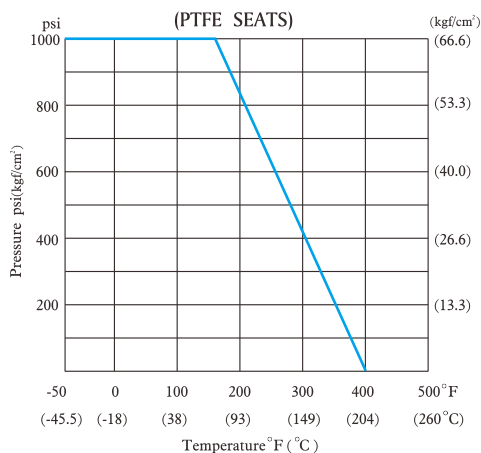


"A" VIEW



### DIMENSIONS

### PRESSURE TEMPERATURE RATINGS



SIZE	A		d		D		L		HI		h		S		T		ISO 5211	Cv Factor	Weight		
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm			Kg	Lb	
1/2"	15	0.79	20	0.37	9.5	0.5	12.7	3.51	89.2	1.67	42.5	0.31	8.0	0.35	9	0.35	9	F03/F04	10	0.80	1.76
3/4"	20	0.79	20	0.63	15.9	0.75	19.1	4.00	101.6	1.83	46.5	0.39	10.0	0.35	9	0.35	9	F03/F04	28	1.05	2.31
1"	25	0.79	20	0.87	22.2	1.00	25.4	4.51	114.6	2.34	59.5	0.45	11.5	0.43	11	0.35	9	F04/F05	60	1.55	3.41
1 1/2"	40	0.79	20	1.38	35.0	1.50	38.1	5.52	140.2	3.11	79.0	0.78	20.0	0.55	14	0.51	13	F05/F07	200	3.29	7.25
2"	50	0.79	20	1.87	47.6	2.00	50.8	6.26	159.0	3.42	86.9	0.78	20.0	0.55	14	0.51	13	F05/F07	450	4.70	10.35
2 1/2"	65	0.79	20	2.37	60.2	2.50	63.4	6.85	174.0	4.41	112.0	1.08	27.5	0.67	17	0.51	13	F07/F10	700	9.37	20.64
3"	80	0.79	20	2.87	73.0	3.00	76.2	8.00	203.3	4.88	124.0	1.08	27.5	0.67	17	0.51	13	F07/F10	1000	15.50	34.14
4"	100	0.79	20	3.83	97.4	4.00	101.6	8.90	226.1	6.22	158.0	0.94	24.0	0.67	17	0.79	20	F07/F10	2000	23.50	51.76

