

TC-03K, TC-03KC VALVE

3PC FULL PORT 1000 WOG BALL VALVE, T/B/S

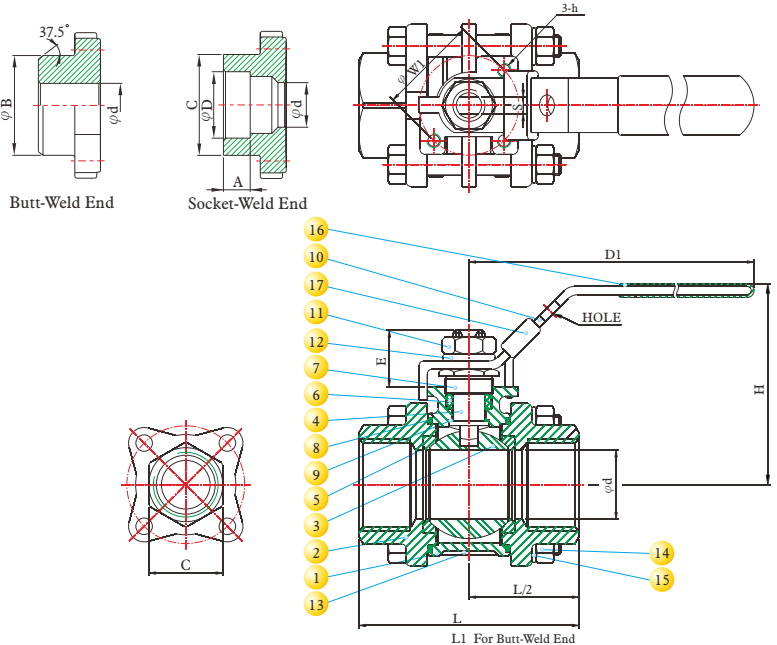


DESIGN FEATURES:

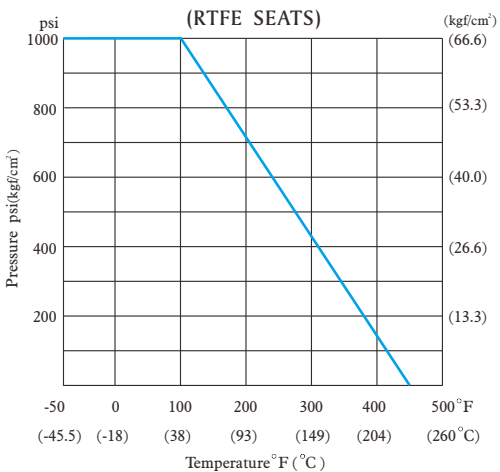
- Steam rating: 150 psi WSP
- Blow-out-proof stem design
- ISO 5211 Mounting pad
- Body: ASTM A351 Gr.CF8M / A216 WCB
- Ball: SS316
- Stem: SS 316
- Seat: Reinforced Teflon
- End Connections: Threaded End
Socket Weld End
Butt Weld End
- Working Pressure: 1000 psi
- Temperature Range: -50° to 450°F
- Padlocking device
- TEST STANDARD: API 598
- Vacuum Service to 29" Hg
- NACE MR-0175 FULL COMPLIANCE

MATERIALS LIST

NO.	PART NAME	MATERIAL		QTY
		STAINLESS STEEL	CARBON STEEL	
1	BODY	ASTM A351 Gr.CF8M	ASTM A216 WCB	1
2	CAP	ASTM A351 Gr.CF8M	ASTM A216 WCB	2
3	BALL	ASTM A351 Gr.CF8M	ASTM A351 Gr.CF8M	1
4	STEM	ASTM A276 Gr.316	ASTM A276 Gr.316	1
5	SEAT	PTFE+15% G/F	PTFE+15% G/F	2
6	PACKING	PTFE	PTFE	1
7	GLAND	SS304	SS304	1
8	END SEALS	PTFE	PTFE	2
9	THRUST WASHER	PTFE	PTFE	1
10	HANDLE	SS304	SS304	1
11	HANDLE NUT	SS304	SS304	1
12	SPRING WASHER	SS304	SS304	1
13	BOLTS	ASTM A193 Gr.B8	ASTM A193 Gr.B8	4
14	BOLT NUTS	ASTM A194 Gr.8	ASTM A194 Gr.8	4
15	BOLT WASHERS	SS304	SS304	4
16	HANDLE SLEEVE	VINYL GRIP	VINYL GRIP	1
17	LOCKING PLATE	SS304	SS304	1



PRESSURE TEMPERATURE RATINGS



DIMENSIONS

SIZE	A	B	C	D	E	d	L	L1	D1	H	S	W1	h	Cv	Weight	
inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	inch mm	Factor	Kg	Lb	
1/2"	15	0.39 10.0	0.89 22.5	0.98 25	0.85 21.7	0.61 15.5	0.59 15.0	2.21 56.2	2.43 61.6	4.06 103	2.31 58.7	0.22 5.5	1.42 36	M5*P0.8	26	0.44 0.88
3/4"	20	0.51 13.0	1.11 28.3	1.26 32	1.07 27.1	0.59 15.0	0.79 20.0	2.73 69.4	2.91 73.8	5.00 127	2.56 64.9	0.24 6.2	1.42 36	M5*P0.8	55	0.63 1.39
1"	25	0.51 13.0	1.38 35.0	1.50 38	1.33 33.8	0.81 20.5	1.00 24.5	3.13 79.6	3.13 79.6	5.00 127	2.82 71.7	0.24 6.2	1.42 36	M5*P0.8	110	0.90 1.98
1-1/4"	32	0.51 13.0	1.74 44.1	1.85 47	1.68 42.6	0.79 20.0	1.26 32.0	3.50 88.8	3.57 90.8	6.02 153	2.90 73.7	0.37 9.4	1.97 50	M6*P1.0	180	1.40 3.08
1-1/2"	40	0.51 13.0	1.97 50.0	2.09 53	1.92 48.7	1.02 26.0	1.57 40.0	4.00 101.6	4.00 101.6	6.02 153	3.47 88.2	0.37 9.4	1.97 50	M6*P1.0	270	2.04 4.49
2"	50	0.63 16.0	2.38 60.5	2.56 65	2.41 61.1	1.02 26.0	2.00 50.8	4.66 118.4	4.66 118.4	7.60 193	3.82 97.1	0.37 9.4	1.97 50	M6*P1.0	500	3.37 7.42