

THREE PIECE DIRECT MOUNTED SANITARY BALL VALVE

Model : Series 35T (Formerly GV-305F-TC) Tri-Clamp

- Body Material**

ASTM CF8M, DIN 1.4408

- Size Range**

1/2" - 4" (DN15-DN100)

- Pressure Rating**

1/2"~2": 1000 PSI, 2-1/2"~3": 800 PSI, 4": 600 PSI

- End Connection**

Tri-clamp (Above 3/4" end dimension meets BS 4825 part 3)
Tube butt weld

- Temperature Range**

-4°F to 350°F (-20°C to 180°C) with PTFE seats

- Features:**

Cavity-filled reducing area for product build up associated with conventional ball valves
Integral twin pattern ISO 5211 mounting pad for direct mounting of actuators
3-piece bolted design; full port

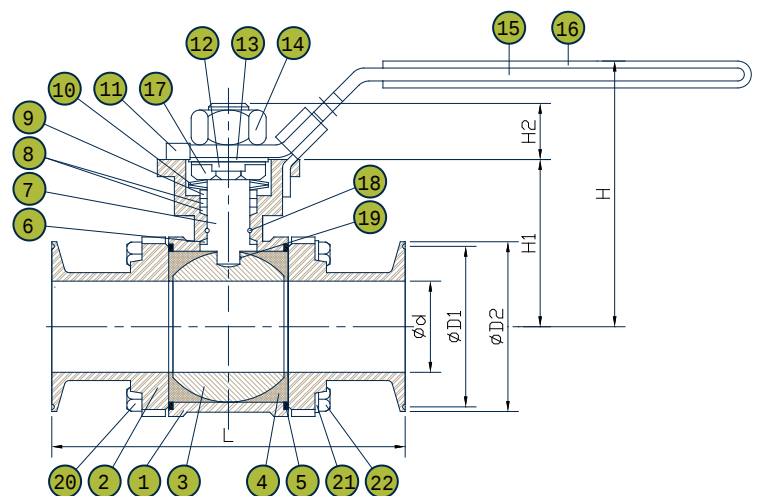
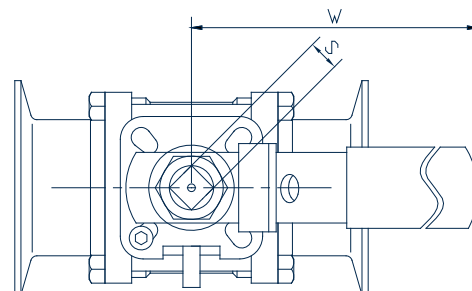


Materials List:

NO.	PART NAME	MATERIAL
1	BODY	CF8M
2	INSERT CAP	CF8M
3	BALL	CF8M
4	BALL SEAT	PTFE
5	BODY SEAT	PTFE
6	THRUST WASHER	PTFE + 25% CARBON
7	STEM	SS316
8	STEM PACKING	PTFE
9	GLAND	SS304
10	BELLEVILLE WASHER	SS301
11	STEM NUT	SS304
12	LOCK SADDLE	SS304
13	HANDLE WASHER	SS304
14	HANDLE NUT	SS304
15	HANDLE	SS304
16	HANDLE SLEEVE	VINYL
17	STOP PIN	SS304
18	O-RING	VITON
19	ANTI-STATIC DEVICE	SS304
20	BODY BOLT	SS304
21	BOLT WASHER	SS304
22	BOLT NUT	SS304

Dimensions (inch/mm):

SIZE Inch DN	d	L	H	W	H1	H2	S	D1	D2	ISO 5211	Torque in. lbs N.m	Weight lbs kg
1/2"	0.37	3.50	2.80	4.57	1.69	0.33	0.35	0.80	0.98	F03	35	1.54
15	9.5	89	71	116	43	8.5	9	20.2	25	F04	4	0.70
3/4"	0.63	3.98	2.91	4.57	1.83	0.33	0.35	0.80	0.98	F03	44	1.87
20	15.9	101	74	116	46.5	8.5	9	20.2	25	F04	5	0.85
1"	0.87	4.49	3.07	6.14	1.98	0.45	0.43	1.72	1.98	F04	62	3.17
25	22.2	114	78	156	50.3	11.5	11	43.6	50.4	F05	7	1.44
1-1/4"	1.12	4.72	3.70	6.14	2.17	0.45	0.43	1.72	1.98	F04	106	
32	28.5	120	94	156	55	11.5	11	43.6	50.4	F05	12	
1-1/2"	1.37	5.51	4.21	7.13	2.66	0.61	0.55	1.72	1.98	F05	177	6.15
40	34.9	140	107	181	67.5	15.5	14	43.6	50.4	F07	20	2.79
2"	1.870	6.142	4.567	7.126	2.972	0.610	0.551	2.217	2.516	F05	230	9.08
50	47.5	156	116	181	75.5	15.5	14	56.3	63.9	F07	26	4.12
2-1/2"	2.37	7.76	5.71	10.24	3.74	0.73	0.67	2.78	3.05	F07	310	20.39
65	60.3	197	145	260	95	18.5	17	70.6	77.4	F10	35	9.25
3"	2.87	9.02	6.06	10.24	4.13	0.73	0.67	3.28	3.58	F07	531	26.01
80	73	229	154	260	105	18.5	17	83.3	90.9	F10	60	11.80
4"	3.83	9.57	7.28	13.19	4.96	0.93	0.87	4.34	4.68	F10	708	46.56
100	97.4	243	185	335	126	23.5	22	110.3	118.9	F12	80	21.12



THREE PIECE DIRECT MOUNTED SANITARY BALL VALVE

Model : Series 35T (Formerly GV-305F-TC) Tube Buttweld

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- **Size Range**
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- **Pressure Rating**
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- **End Connection**
Tri-clamp (Above 3/4" end dimension meets BS 4825 part 3)
Tube buttweld
- **Temperature Range**
-4°F to 350°F (-20°C to 180°C) with PTFE seats
- **Features:**
Cavity-filled reducing area for product build up associated with conventional ball valves
Integral twin pattern ISO 5211 mounting pad for direct mounting of actuators
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15	9.5	89	71	116	43	8.5	9	12.7	F04	4
3/4"	0.63	3.98	2.91	4.57	1.83	0.33	0.35	0.75	F03	44
20	15.9	101	74	116	46.5	8.5	9	19	F04	5
1"	0.87	4.49	3.07	6.14	1.98	0.45	0.43	1.00	F04	62
25	22.2	114	78	156	50.3	11.5	11	25.4	F05	7
1-1/4"	1.12	4.72	3.70	6.14	2.17	0.45	0.43	1.25	F04	106
32	28.5	120	94	156	55	11.5	11	31.8	F05	12
1-1/2"	1.37	5.51	4.21	7.13	2.66	0.61	0.55	1.50	F05	177
40	34.9	140	107	181	67.5	15.5	14	38.1	F07	20
2"	1.87	6.14	4.57	7.13	2.97	0.61	0.55	2.00	F05	230
50	47.5	156	116	181	75.5	15.5	14	50.8	F07	26
2-1/2"	2.37	7.76	5.71	10.24	3.74	0.73	0.67	2.50	F07	310
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4"	3.83	9.57	7.28	13.19	4.96	0.93	0.87	4.00	F10	708
100	97.4	243	185	335	126	23.5	22	101.6	F12	80

Note: Torque measured at ambient temperature with no loading; safety factor is not included.

