Shanghai Tianfa Trading Co., Ltd.
E-mail: sales@tianvalve.com
Address: Road318. Nanxiang Town, Jiading District, Shanghai

TWO PIECE FLOATING BALL VALVE

MAIN PARTS AND MATERIALS

NO.	Part Name	Qty.	Material	NO.	Part Name	Qty.	Material
1	Bonnet	1	ASTM A216 WCB	10	Gland	1	ASTM A576-1045
2	Sealing Ring	1	Graf oil	11	Gland Flange	1	ASTM A576-1045
3	Ball	1	ASTM A105 ENP	12	Holding Plate	1	ASTM A576-1045
4	Seat	2	PTFE	13	Handle	1	ASTM A216 WCB
5	Stem	1	ASTM A105 ENP	14	Retaining Ring	1	Carbon Steel
6	Pin	2	ASTM A276 F6	15	Screw		ASTM A193 B7
7	Spring	2	ASTM A276 304	16	Packing		Graf oil
8	Thrust Collar	1	PTFE	17	Body	1	ASTM A216 WCB
9	Stem Bearing	1	PTFE				

MAIN CONNECTION DIMENSIONS AND WEIGHTS CLASS 150Lb

NPS	in	2	3	4	6	8	10
d	mm	51	76	102	152	203	254
L-L1	in	7.00	8.00	9.00	15.50	18.00	21.00
(RF)	mm	178	203	229	394	457	533
L2	in	7.50	8.50	9.50	16.00	18.50	21.50
(RTJ)	mm	190.5	216	241	406	470	546
d1	in	3.63	5.00	6.19	8.50	10.63	12.75
	mm	92	127	157	216	270	324
d2	in	4.75	6.00	7.50	9.50	11.75	14.25
	mm	120.5	152.5	190.5	241.5	298.5	362
D	in	6.00	7.50	9.00	11.00	13.50	16.00
	mm	152	190	229	279	343	406
b	in	0.43	0.88	0.94	1.00	1.125	1.19
	mm	16	19	24	26	29	31
n-φd	in	4-0.75	4-0.75	8-0.75	8-0.87	8-0.87	12-1.00
	mm	4-19	4-19	8-19	8-22	8-22	12-25
H	in	4.33	5.71	6.69	9.65	12.60	13.39
	mm	110	145	170	245	320	340
W	in	9.06	15.75	27.56	43.31	47.24	51.08
	mm	230	400	700	1100	1200	1300
Weight	Kg	10	19	33	93	150	200

E. MAIN CONNECTION DIMENSIONS AND WEIGHTS CLASS300Lb

NPS	in	2	3	4	6	8	10
d	mm	51	76	102	152	203	254
L-L1	in	8.50	11.12	12.00	15.88	19.75	22.38
(RF)	mm	216	283	305	403	502	568
L2	in	9.12	11.74	12.62	16.50	20.37	23.00
(RTJ)	mm	232	298	321	419	517	584
d1	in	3.63	5.00	6.19	8.50	10.63	12.75
	mm	92	127	157	216	270	324
d2	in	5.00	6.63	7.88	10.63	13.00	15.25
	mm	127	168.5	200	270	330	387.5
D	in	6.50	8.25	10.00	12.50	15.00	17.50
	mm	165	210	254	318	381	445
b	in	0.88	1.125	1.25	1.44	1.63	1.88
	mm	23	29	32	37	42	48
n-φd	in	8-0.75	8-0.87	8-0.87	12-0.87	12-1.00	16-1.14
	mm	8-19	8-22	8-22	12-22	12-25	16-29
H	in	4.33	5.71	6.69	9.65	12.60	13.39
	mm	110	145	170	245	320	340
W	in	9.06	15.75	27.56	43.31	47.24	51.08
	mm	230	400	700	1100	1200	1300
Weight	kg	15	35	56	116	220	400