



Shanghai Tianfa Trading Co., Ltd.

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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

E. MAIN CONNECTION DIMENSIONS AND WEIGHTS CLASS300Lb

NPS	in	2	3	4	6	8	10	NPS	in	2	3	4	6	8	10
		mm	51	76	102	152	203			254	d	mm	51	76	102
L-L1	in	7.00	8.00	9.00	15.50	18.00	21.00	L-L1	in	8.50	11.12	12.00	15.88	19.75	22.38
	(RF)	mm	178	203	229	394	457		533	(RF)	mm	216	283	305	403
L2	in	7.50	8.50	9.50	16.00	18.50	21.50	L2	in	9.12	11.74	12.62	16.50	20.37	23.00
	(RTJ)	mm	190.5	216	241	406	470		546	(RTJ)	mm	232	298	321	419
d1	in	3.63	5.00	6.19	8.50	10.63	12.75	d1	in	3.63	5.00	6.19	8.50	10.63	12.75
	mm	92	127	157	216	270	324		mm	92	127	157	216	270	324
d2	in	4.75	6.00	7.50	9.50	11.75	14.25	d2	in	5.00	6.63	7.88	10.63	13.00	15.25
	mm	120.5	152.5	190.5	241.5	298.5	362		mm	127	168.5	200	270	330	387.5
D	in	6.00	7.50	9.00	11.00	13.50	16.00	D	in	6.50	8.25	10.00	12.50	15.00	17.50
	mm	152	190	229	279	343	406		mm	165	210	254	318	381	445
b	in	0.43	0.88	0.94	1.00	1.125	1.19	b	in	0.88	1.125	1.25	1.44	1.63	1.88
	mm	16	19	24	26	29	31		mm	23	29	32	37	42	48
n-φd	in	4-0.75	4-0.75	8-0.75	8-0.87	8-0.87	12-1.00	n-φd	in	8-0.75	8-0.87	8-0.87	12-0.87	12-1.00	16-1.14
	mm	4-19	4-19	8-19	8-22	8-22	12-25		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	H	in	4.33	5.71	6.69	9.65	12.60	13.39
	mm	110	145	170	245	320	340		mm	110	145	170	245	320	340
W	in	9.06	15.75	27.56	43.31	47.24	51.08	W	in	9.06	15.75	27.56	43.31	47.24	51.08
	mm	230	400	700	1100	1200	1300		mm	230	400	700	1100	1200	1300
Weight	Kg	10	19	33	93	150	200	Weight	kg	15	35	56	116	220	400