



Shanghai Tianfa Trading Co., Ltd.

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## TWO PIECE TRUNNION BALL VALVE CLASS 600Lb

### MAIN PARTS AND MATERIALS

NO.	Part Name	Qty.	Material	NO.	Part Name	Qty.	Material
1	Adapter	1	ASTM A216 WCB	11	Plug	1	ASTM A576-1025
2	Stud		ASTM A193 B7	12	Drain	1	Component
3	Nut		ASTM A194 2H	13	Nipple	1	Component
4	Grease Fitting	2	Component	14	Ball	1	ASTM A105 ENP
5	Stem	1	ASTM A105 ENP	15	Seat	2	ASTM A105 ENP+PTFE
6	Key	1	ASTM A576-1045	16	Pressure	2	ASTM A105 ENP
7	Flange Gland	1	ASTM A105 ENP	17	Spring		ASTM A564 17-4PH
8	Thrust Collar	1	PTFE	18	Seal Ring	2	Graf oil
9	Body	1	ASTM A216 WCB	19	O Ring	2	Vinton
10	Tunnel Shaft	1	ASTM A105 ENP				

### MAIN CONNECTION DIMENSIONS AND WEIGHTS

NPS		2	3	4	6	8	10	12
d	in							
	mm	51	76	102	152	203	254	305
L	in	11.50	14.00	17.00	22.00	26.00	31.00	33.00
(RF)	mm	292	256	432	559	660	787	838
L	in	11.62	14.12	17.12	22.12	26.12	31.12	33.12
(RTJ)	mm	295	359	435	562	664	791	841
d1	in	3.63	5.00	6.19	8.50	10.63	12.75	15.00
	mm	62	127	157	216	270	324	381
d2	in	5.00	6.63	8.50	11.50	13.75	17.00	19.25
	mm	127	168	216	292	349	432	489
D	in	6.50	8.25	10.75	14.00	16.50	20.00	22.00
	mm	165	210	273	356	419	508	559
b	in	1.00	1.25	1.50	1.88	2.19	2.50	2.63
	mm	26	32	38	48	56	64	67
n-φd	in	8-0.75	8-0.87	8-1.00	12-1.14	12-1.25	16-1.38	20-1.38
	mm	8-19	8-22	8-25	12-29	12-32	16-35	20-35
H	in	6.50	7.68	9.06	13.00	15.55	19.49	22.83
	mm	165	195	230	330	395	495	580
W	in	15.75	29.53	39.37	59.06	23.62	23.62	23.62
	mm	400	750	1000	1500	600	600	600
Weight	kg	32	55	90	230	390	650	850