



Technical Data	
Design & Manufacturing STD.	BS 5351, API 602
Testing & Inspection STD.	BS 5146 / API 598 / BS 6755 PART-1
End Connections	Flanged as per B-16.5 RF / BS 1560 Drilling : BS-10 Table E, F, ASA 150#, 300#

Sr No.	Nomenclature	Qty.	Material
1	Body	1	ASTM A216 WCB, / M.S ASTM A351 CF8/CF8M/CF3/ CF3M/CN7M
2	End Piece	2	ASTM A216 WCB, / M.S ASTM A351 CF8/CF8M/CF3/ CF3M/CN7M
3	Connector Ring	2	PTFE / GF & CF PTFE
4	Ball	1	ASTM A351 CF8/CF8M/CF3/CF3M/CN7M
5	Ball Seal	2	PTFE / GF & CF PTFE
6	Stem	1	AISI 304/316/304L/316L/A20
7	Stem Ring	1	PTFE / GF & CF PTFE
8	Gland	1	AISI 304 & 316
9	Gland Pack	2	PTFE / GF & CF PTFE
10	Handle	1	AISI 202/MS x PVC Sleeved
11	Stem Nut	1	AISI 304/MS
12	Body Stud	4	AISI 304/MS
13	Body Nut	8	AISI 304/MS
14	Gland Nut	1	AISI 304/MS
15	Lock (optional)	1	AISI 202/MS
16	Lock/Unlock Pin	1	MS Chrome Plated
17 18	Anti Static Devise	2	As Per Body Material (optional)

THREE PC DESIGN BALL VALVE FLANGE END ASA 150#											
SIZE	15 mm	20mm	25 mm	32 mm	40 mm	50 mm	65mm	80mm	100mm	125mm	150mm
A	108	117	127	140	165	178	190.5	203	229	254	267
B	35	43	50.8	63.5	73	92	105	127	157	186	216
C	11.2	11.2	11.2	12.7	14.3	15.9	17.5	19.1	23.9	24	25.4
D	89	98.5	108	117.5	127	152.4	178	191	229	254	279
E	4	4	4	4	4	4	4	4	8	8	8
F	60.4	69.8	79.2	88.9	98.5	120.6	139.7	152.4	190.5	216	241.3
G	16	16	16	16	16	19	19	19	22	22	22
L	150	150	150	150	150	225	300	300	350	500	600

THREE PC DESIGN BALL VALVE FLANGE END ASA 300#											
SIZE	15 mm	20mm	25 mm	32 mm	40 mm	50 mm	65mm	80mm	100mm	125mm	150mm
A	140	152	165	178	191	216	241	282	305	381	403
B	35	43	50.8	63.5	73	92	105	127	157	186	216
C	14	16	18	19	21	22	25	29	32	35	37
D	95	117	124	133	156	165	190	210	254	279	318
E	4	4	4	4	4	8	8	8	8	8	12
F	66.7	82.5	88.9	98.4	114.3	127	149.2	168.3	200	239	269.9
G	16	19	19	19	22	22	22	22	22	22	22
L	150	150	150	150	150	225	300	300	350	500	600

Test Pressure (PSIG)		
Class	Hydraulic Test Pressure	
	Body	Seat
150	425	300
300	1100	750
Air	-	80

CLIENT		DRN: N.C.		CHKD: SM	APPD:	REV	DATE
P.O./ENQ. No.		TITLE:		Three PC Design Ball Valve.Flange Ends			
		INDUSTRIAL VALVES & EQUIPMENTS		ASA 150#			
		REDG. OFF.: A/2, PRAKASH KUNJ, GODDEV NAKA, B.P.ROAD,OPP KAPOL BANK, BHAYANDAR (E), THANE 401 105.		ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED			
		TEL: 2804 4565 : 2804 9770 FAX : 2804 5940 e.mail: valves@livevalves.com Visit Us at : www.livevalves.com		SCALE N.T.S		DWG.No. IVE/007	
						SHEET 1 OF 1	