



PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL	ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 WCB	1	Body	ASTM A351 CF8M
2	Seat Ring	ASTM A105+STL	2	Seat Ring	ASTM A182 F316+STL
3	Disc	ASTM A105+Cr13	3	Disc	ASTM A351 CF8M
4	Hinge	ASTM A216 WCB	4	Hinge	ASTM A351 CF8M
5	Washer	1035	5	Washer	1035
6	Disc Nut	ASTM A194 2H	6	Disc Nut	ASTM A194 8
7	Hinge Pin	Cr13	7	Hinge Pin	ASTM A276 type 316
8	Gasket	304+Graphite	8	Gasket	316+Graphite
9	Cover	ASTM A216 WCB	9	Cover	ASTM A351 CF8M
10	Nut	ASTM A194 2H	10	Nut	ASTM A194 8
11	Stud	ASTM A193 B7	11	Stud	ASTM A193 B8
12	Disc Pin	ASTM A276 type 304	12	Disc Pin	ASTM A276 type 316
13	Plug	1035	13	Plug	1035
14	Gasket	304+Graphite	14	Gasket	316+Graphite

Note:

- 1.Design as per BS1868
- 2.Flange dimension as per ANSI B 16.5
- 3.Face to face dimension as per ANSI B 16.10
- 4.Test & Inspect confirm to API598

Size	DN	L(RF)	A	B	D	C	Z-d	Weight(kg)
4"-300	102	355.6	157.2	200.2	254	32	8-22.4	70
6"-300	152	444.5	216	269.7	317.5	37	12-22.4	125
8"-300	203	533.4	270	330	381	41	12-25.4	190
10"-300	254	622.3	323.9	387.5	445	48	16-29	290
12"-300	305	711	381	451	521	51	16-32	450

4"-12"-300#-Check Valve

CLIENT		DWG REV .NO	00
P.O.NO		CLASS	
APPROVED BY		HYDROSTATIC TEST (PSI)	SHELL SEAT
REVIEWED BY		AIR TSET	
MADE BY		DATE	
DRAWING NO	159XU/159-LU-CF8M		
GDVAL VALVE			