



			PARTS & MATERIAL LIST		
ITEM	PART NAME	MATERIAL	ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 WCB	1	Body	ASTM A351 CF8M
2	Seat	ASTM A105+STL	2	Seat	ASTM A182 F316+STL
3	Wedge	ASTM A216 WCB+Cr13	3	Wedge	ASTM A351 CF8M
4	Stem	Cr13	4	Stem	ASTM A276 type 316
5	Gasket	304+Graphite	5	Gasket	316+Graphite
6	Back seat	Cr13	6	Back seat	ASTM A276 type 316
7	Yoke	ASTM A216 WCB	7	Yoke	ASTM A351 CF8M
8	Packing	Graphite	8	Packing	Graphite
9	Pin	1035	9	Pin	1035
10	Gland	Cr13	10	Gland	ASTM A276 type 316
11	Gland Flange	ASTM A216 WCB	11	Gland Flange	ASTM A351 CF8M
12	Yoke Nut	D-2	12	Yoke Nut	D-2
13	Bearing Gland	1035	13	Bearing Gland	1035
14	Handwheel	KTH330	14	Handwheel	KTH330
15	Lock Nut	1035	15	Lock Nut	1035
16	Oil Cup	Casting Steel	16	Oil Cup	Casting Steel
17	Nut	ASTM A194 2H	17	Nut	ASTM A194 8
18	Gland Eyebolt	ASTM A193 B7	18	Gland Eyebolt	ASTM A193 B8
19	Nut	ASTM A194 2H	19	Nut	ASTM A194 8
20	Bolt	ASTM A193 B7	20	Bolt	ASTM A193 B8

Note:

- 1.Design as per API 600
- 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 API 598

SIZE	d	L(RF)	D	t	G	n-Ø	C	K	WEIGHT (KG)
2"-300	50.8	216	165.1	23	92	8-19	127	200	24
2 1/2"-300	64	241	190	26	105	8-22	149	200	35
3"-300	76	283	210	29	127	8-22.5	168.5	250	48
4"-300	102	305	254	32	157	8-22.5	200.2	250	73
6"-300	152.4	403.2	317.5	37	215.9	12-22.5	269.7	350	144
8"-300	203	419	381	42	270	12-25.4	330	400	226
10"-300	254	457	444.5	48	324	16-28.5	387.4	450	350
12"-300	305	502	521	51	381	16-32	451	500	580

2"-12"-300#-Gate 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	33-XU/33-LU-CF8M		
GDVAL VALVE			