



PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A352 LCB
2	Seat	ASTM A350 LF2+STL
3	Wedge	ASTM A352 LCB+SS316 faced
4	Stem	ASTM A276 TYPE 316
5	Gasket	SS316+Graphite
6	Back seat	ASTM A276 TYPE 316
7	Yoke	ASTM A352 LCB
8	Packing	Graphite
9	Pin	ASTM A276 TYPE 410
10	Gland	ASTM A276 TYPE 410
11	Gland Flange	ASTM A352 LCB
12	Yoke Nut	D-2
13	Bearing Gland	1035
14	Handwheel	KTH330
15	Lock Nut	1035
16	Oil Cup	Casting Steel
17	Nut	ASTM A194 7
18	Gland Eyebolt	ASTM A320 L7
19	Nut	ASTM A194 7
20	Bolt	ASTM A320 L7

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-LU-LCB		
GDVAL VALVE			