



### PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A351 CF8M
2	Seat	ASTM A182 F316+STL
3	Wedge	ASTM A351 CF8M
4	Stem	ASTM A276 type 316
5	Gasket	316+Graphite
6	Back seat	ASTM A276 type 316
7	Yoke	ASTM A351 CF8M
8	Packing	PTFE
9	Pin	1035
10	Gland	ASTM A276 type 316
11	Gland Flange	ASTM A351 CF8M
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 8
18	Gland Eyebolt	ASTM A193 B8
19	Nut	ASTM A194 8
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	DN	B	C	D	t	f	L(RF)	z-d	K	WEIGHT (KG)
2"-150	50.8	92	120.5	152	16	1.6	178	4-19	200	18
2 1/2"-150	64	105	139.5	178	19	1.6	190	4-19	200	24
3"-150	76	127	152.4	190	19	1.6	203.2	4-19	250	30
4"-150	100	157	190.5	228.6	24	1.6	229	8-19	250	50
6"-150	152.4	215.9	241.3	279.4	25.4	1.6	266.7	8-22.4	350	85
8"-150	200	269.7	298.5	342.9	28.6	1.6	292.1	8-22.4	400	128
10"-150	254	323.9	362	406.4	30.5	1.6	330	12-25.4	400	220
12"-150	304.8	381	431.8	482.6	31.8	1.6	355.6	12-25.4	450	310

2"-12"-150#-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	47-LU-CF8M		
<b>GDVAL VALVE</b>			