



PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 WCB
2	Seat	ASTM A105+Cr13
3	Wedge	ASTM A216 WCB+Cr13
4	Stem	Cr13
5	Gasket	SS316+Graphite
6	Back seat	Cr13
7	Yoke	ASTM A216 WCB
8	Packing	Graphite
9	Pin	1035
10	Gland	Cr13
11	Gland Flange	ASTM A216 WCB
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 2H
18	Gland Eyebolt	ASTM A193 B7
19	Nut	ASTM A194 2H
20	Bolt	ASTM A193 B7

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-XU		
GDVAL VALVE			