



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	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.D.NO		CLASS	
APPROVED BY		HYDROSTATIC TEST (PSI)	SHELL
REVIEWED BY			SEAT
MADE BY		AIR TSET	
DRAWING NO	47-XU/47-LU-CF8M	DATE	
GDVAL VALVE			