



			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	316+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
21	Yoke	ASTM A216 WCB	21	Yoke	ASTM A351 CF8M
22	Nut	ASTM A194 2H	22	Nut	ASTM A194 8
23	Bolt	ASTM A193 B7	23	Bolt	ASTM A193 B8
24	Gear Operator	Carbon Steel	24	Gear Operator	Carbon Steel

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	G	C	t	n-φ	K1	K2	WEIGHT (KG)
10"-600	248	787	508	324	432	64	16-φ35	640	310	700
12"-600	298	838	559	381	489	67	20-φ35	640	460	940
14"-600	327	889	603	413	527	70	20-φ38	640	460	1310
16"-600	375	990.6	686	470	603	77	20-φ41	640	610	1610
18"-600	419	1092	743	533	654	83	20-φ44	720	610	2070
20"-600	464	1194	813	584	724	89	24-φ44	720	610	2405
24"-600	559	1397	940	692	838	102	24-φ52	720	610	3810

K1-Handwheel

K2-Gear Operator

10"-24"-600#-Gate Valve			
CLIENT		DWG REV .NO	00
P.O.NO		CLASS	
APPROVED BY		HYDROSTATIC TEST (PSI)	SHELL
REVIEWED BY		AIR TSET	SEAT
MADE BY		DATE	
DRAWING NO	76-XU/76-LU-CF8M		
<b>GDVAL VALVE</b>			