



### PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 WCB
2	Seat	ASTM A105+STL
3	Wedge	ASTM A216 WCB+Cr13
4	Stem	Cr13
5	Gasket	316+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
21	Yoke	ASTM A216 WCB
22	Nut	ASTM A194 2H
23	Bolt	ASTM A193 B7
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			SEAT
MADE BY		AIR TSET	
DRAWING NO	76-XU	DATE	
<b>GDVAL VALVE</b>			