



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	304+Graphite
6	Back seat	Cr13
7	Bonnet	ASTM A216 WCB
8	Packing	Graphite
9	Pin	1035
10	Gland	Cr13
11	Gland Flange	ASTM A216 WCB
12	Yoke	ASTM A216 WCB
13	Yoke Nut	D-2
14	Wedge	1035
15	Handwheel	KTH330
16	Lock Nut	1035
17	Oil Cup	Casting Steel
18	Nut	ASTM A194 2H
19	Gland Eyebolt	ASTM A193 B7
20	Nut	ASTM A194 2H
21	Bolt	ASTM A193 B7
22	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	DN	B	C	D	t	L(RF)	z-d	K1	K2	WEIGHT (KG)
14"-300	337	413	514.5	584	54	762	20-32	500	310	715
16"-300	387.4	470	571.5	648	58	838	20-35	640	460	1050
18"-300	432	533	629	711	61	914	24-35	640	460	1235
20"-300	482	584	686	775	64	991	24-35	720	460	1655
24"-300	584	692	813	914	70	1143	24-41	900	610	2320

K1-Handwheel
K2-Gear Operator

14"-24"-300#-Gate Valve			
CLIENT		DWG REV .NO	00
P.O.NO		CLASS	
APPROVED BY		HYDROSTATIC TEST (PSI)	SHELL SEAT
REVIEWED BY			
MADE BY		AIR TSET	
DRAWING NO	33-XU-GO	DATE	
GDVAL VALVE			