



PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A105
2	Seat	ASTM A276 410
3	Disc	ASTM A182 F6a
4	Stem	ASTM A182 F6a
5	Gasket	304+Graphite
6	Bonnet	ASTM A105
7	Bolt	ASTM A193 B7
8	Packing	Graphite
9	Pin	ASTM A276 410
10	Gland	ASTM A276 410
11	Eye Bolt	ASTM A193 B7
12	Gland flange	ASTM A105
13	Hex nut	ASTM A194 2H
14	Gasket	ASTM A276 410
15	Yoke Sleeve	ASTM A240 410
16	Handwheel	ASTM A197
17	Nameplate	LY12
18	Nut	1035+zinc

Performance			
Pressure	150	LB	
Test	Shell test	3.0	Mpa
	Back seat test	2.2	
	Seal test	2.2	
	Air test	0.6	
Max temperature	425	°C	
Medium:W.O.G			

Note:

- 1.Design as per API602
- 2.RF as per ANSI B 16.5
- 3.Face to face dimension as per ANSI B 16.10
- 4.Test & Inspect confirm to API598

in	L	D	K	d	B	f	N- ϕ	ϕW	H	ϕp
1/2	108	90	60.3	35	9.6	2	4X15.9	100	144	9.5
3/4	117	100	69.9	43	11.2		4X15.9	100	150	13
1	127	110	79.4	51	12.7		4X15.9	125	180	17.5
1-1/4	140	115	89	63.5	14.3		4X15.9	160	216	24
1-1/2	165	125	98.4	73	15.9		4X15.9	160	235	29
2	178	150	121	92	17.5		4X19	160	270	36.5

Gate Valve-150#-RF-Reduced port

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	1/2"-2"-6426-X		
GDVAL VALVE			