



## PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A105
2	Seat ring	ASTM A276 410
3	Disc	ASTM A276 420
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 420
10	Gland	ASTM A276 420
11	Eye Bolt	ASTM A193 B7
12	Gland flange	ASTM A105
13	Hex nut	ASTM A194 2H
14	Lubricant gasket	ASTM A276 410
15	Yoke Sleeve	ASTM A240 410
16	Handwheel	ASTM A197
17	Nameplate	LY-12
18	Nut	1035+zinc

Performance		
Pressure	1500	LB
Test	Shell test	37.5
	Back seat test	27.5
	Seal test	27.5
	Air test	0.6
Max temperature	425	°C
Medium:W.O.G		

### Note:

- 1.Design as per API602
- 2.SW end dimension as per ANSI B 16.11
- 3.NPT end as per ANSI B 1.20.1
- 4.Face to face according to manufactory
- 5.Test & Inspect confirm to API598

NPS	L	B	$\phi D$	$\phi W$	H	$\phi d$	NPT
1/2	100	9.6	21.8	100	183	9.5	1/2"
3/4	100	12.7	27.1	100	183	13	3/4"
1	114	12.7	33.8	125	215	17.5	1"
1 1/4	120	12.7	42.6	160	232	24	1 1/4"
1 1/2	130	12.7	48.7	160	232	29	1 1/2"

### Gate Valve-1500#-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"-1-1/2"-3912		
<b>GDVAL VALVE</b>			