



PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A105
2	Seat	ASTM A276 410
3	Disc	ASTM A276 420
4	Hinge	ASTM A216 WCB
5	Nut	ASTM A194 8
6	Hinge Pin	ASTM A276 420
7	Gasket	304+Graphite
8	Bonnet	ASTM A105
9	Bolt	ASTM A193 B7
10	Nameplate	AL
11	Rivet	AL

Performance		
Pressure	800	LB
Test	Shell test	21.3
	Back seat test	/
	Seal test	14.9
	Air test	/
Max temperature	425	°C
Medium:W.O.G		

Note:

- Design as per API602
- SW end dimension as per ANSI B 16.11
- NPT end as per ANSI B 1.20.1
- Face to face according to manufactory
- Test & Inspect confirm to API598

NPS	L	B	øD	H	ød	NPT
1/2	73	9.6	21.8	50	9.5	1/2"
3/4	80	12.7	27.1	53	13	3/4"
1	100	12.7	33.8	64	17.5	1"
1 1/4	114	12.7	42.6	80	24	1 1/4"
1 1/2	120	12.7	48.7	85	29	1 1/2"
2	130	15.7	61.2	105	36.5	2"

Swing Check Valve-800#-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"-3780-SWING CHECK		
GDVAL VALVE			