



PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A105
2	Disc	ASTM A182 F6a
3	Gasket	304+graphite
4	Bonnet	ASTM A105
5	Bolt	ASTM A193 B7
6	Nameplate	AL
7	Rivet	AL
8	Spring	17-4PH
9	Welded Flanged	ASTM A105

Performance		
Pressure	150	LB
Test	Shell test	3.2
	Back seat test	2.3
	Seal test	2.3
	Air test	0.6
Max temperature	425	°C
Medium:W.O.G		

Note:

1. Design and manufacture as per BS 5352.
2. Flange dimension as per ANSI B16.5.
3. Face to face as per ANSI B16.10.
4. Test as per API598.

NPS	L	øD	øK	ød	B	f	øb	n-ø
1/2	108	89	60.5	35	11.5	1.6	10	4-ø16
3/4	118	98	70	43	13	1.6	13	4-ø16
1	127	108	79	51	14.5	1.6	17.5	4-ø16
1 1/4	140	117	89	63.5	16	1.6	23	4-ø16
1 1/2	165	127	98.5	73	17.5	1.6	30	4-ø16
2	203	152	121	92	19	1.6	35	4-ø20

Life Check Valve-150#-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"-6926-LIFT CHECK		

GDVAL VALVE