



PARTS & MATERIAL LIST		
ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 GR.WCB
2	Ball seat	R-PTFE
3	Ball	ASTM A276 Type 316
4	Stud bolts	ASTM A193 GR.B7
5	Stud bolts nuts	ASTM A194 GR.2H
6	End piece	ASTM A216 GR.WCB
7	Antistatic device	ASTM A276 Type 316
8	Stem	ASTM A182 F316
9	Body gasket	316+GRAPHITE
10	Thrust bearing	R-PTFE
11	O-Ring	VITON
12	Stem packing	FLEX GRAPHITE
13	Gland	ASTM A276 Type 410
14	Pin or Stop Screw	Carbon Steel or ASTM A193-2H
15	Stop plate	Carbon Steel
16	washer Spring	Harmonic Steel
17	Nut	Carbon Steel
18	Lever	Carbon Steel

Note:
 1.Design as per API 6D
 2.RF end dimension as per ANSI B 16.5
 3.Face to face according to ANSI B 16.10
 4.Test & Inspect confirm to API 6D
 5.Fire safe as per API 607

VALVE SIZE	DIMENSION										WT kg
	L	øb	ød	øc	øg	n-øh	t	f	K	W	
1"	165.1	25.4	123.9	88.9	50.8	4-ø19	17.5	1.5	4	149.9	5.4
0.75"	152.4	19.1	117.3	82.6	42.9	4-ø19	15.7	1.5	4	129.8	3.4
0.5"	139.7	12.9	95.3	66.5	35.1	4-ø15	15.7	1.5	4	129.8	2.5

1/2"~1"-300#-CAST STEEL BALL VALVE			
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"-KF848		

GDVAL VALVE