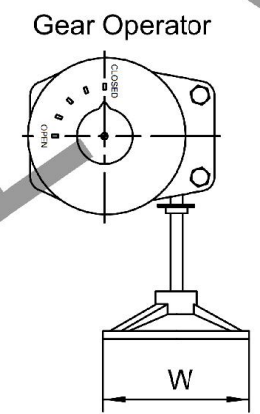


PARTS & MATERIAL LIST		
ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 GR.WCB
2	Ball seat	R-PTFE
3	Ball	ASTM A276 Type 316
4	Stud bolts	ASTM A193 GR.B7
5	Stud bolts nuts	ASTM A194 GR.2H
6	End piece	ASTM A216 GR.WCB
7	Antistatic device	ASTM A276 Type 316
8	Stem	ASTM A182 F316
9	Body gasket	316+GRAPHITE
10	Thrust bearing	R-PTFE
11	Packing Ring	ASTM A276 Type 316
12	Stem packing	FLEX GRAPHITE
13	Gland	ASTM A276 Type 410
14	Stem bearing	R-PTFE
15	Gland Flange	Carbon Steel
16	Socket heat bolt	ASTM A193-2H
17	Stop plate	Carbon Steel
18	Retaining Ring	ASTM A686-W1
19	Lever	Carbon Steel
20	Screw	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
NPS	L	øb	ød	øc	øg	n-øh	t	f	K	W	kg
12"	647.9	304.8	520.7	450.9	381.0	16-ø31.8	50.8	1.5	14.2	398.8*	490.8
10"	568.0	254.0	444.5	387.4	323.9	16-ø28.4	47.8	1.5	12.7	398.8*	421.8
8"	501.9	203.2	381.0	330.2	269.7	12-ø25.4	41.1	1.5	11.1	299.7*	226.8
6"	403.4	152.4	317.5	269.7	215.9	12-ø22.3	36.6	1.5	9.7	299.7*	112.5
4"	304.8	101.6	254.0	200.2	157.2	8-ø22.3	31.8	1.5	7.9	350.5	52.6
3"	281.9	76.2	209.6	168.1	127.0	8-ø22.3	28.4	1.5	7.1	350.5	33.1
2.5"	241.3	63.5	190.5	149.4	104.6	8-ø22.3	25.4	1.5	6.4	350.5	25.4
2"	215.9	50.8	165.1	127.0	91.9	8-ø19	22.3	1.5	6.4	210.8	13.6
1.5"	190.5	38.1	155.4	114.3	72.9	4-ø22.3	21.1	1.5	4.8	210.8	9.5

* Gear Operator

1 1/2"~12"-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 1/2"-12"-KF848	DATE	

GDVAL VALVE