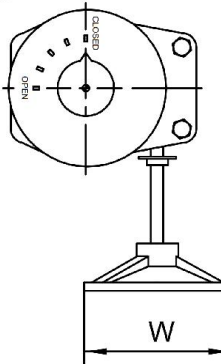


Gear Operator



* Gear Operator

PARTS & MATERIAL LIST

ITEM	PART NAME	MATERIAL
1	Body	ASTM A216 GR.WCB
2	Closure	ASTM A216 GR.WCB
3	Ball Seat	R-PTFE
4	Ball	ASTM A182 F316
5	Body Gasket	316+ Graphite
6	Antistatic device	ASTM A276 Type 316
7	Stem Bearing	PTFE
8	Stem	ASTM A182 F316
9	Thrust washer	PTFE
10	Stem packing	Flexidle Graphite
11	Socket heat bolt	ASTM A193 GR.B7
12	Gland flange	Carbon Steel
13	Gland	ASTM A276 Type 316
14	Stop Plate	Carbon Steel
15	Lever	ASTM A216 GR.WCB
16	Retaining ring	ASTM A686-W1
17	O-Ring	VITON
18	Stop Pin	Harmonic Steel
19	washer Spring	Harmonic Steel
20	Nut	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 conform 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
0.5"	107.9	12.9	88.9	60.5	35.1	4-Ø15	10.9	1.5	4.1	129.8	1.6
0.75"	116.8	19.1	98.6	69.9	42.9	4-Ø15	11.9	1.5	4.1	129.8	2.5
1"	127	25.4	107.9	79.5	50.8	4-Ø15	12.9	1.5	4.1	149.9	3.6
1.5"	165.1	38.1	127	98.6	72.9	4-Ø16	14.9	1.5	4.8	210.8	6.4
2"	177.8	50.8	152.4	120.7	91.9	4-Ø19	16	1.5	5.6	210.8	8.4
2.5"	191	63.5	177.8	139.7	104.6	4-Ø19	17.5	1.5	5.6	210.8	11.8
3"	203.2	76.2	190.5	152.4	127	4-Ø19	19.1	1.5	5.6	350.5	14.5
4"	228.6	101.6	228.6	190.5	157.2	8-Ø19	23.9	1.5	6.4	350.5	27.2
6"	266.7	152.4	279.4	241.3	215.9	8-Ø22.3	25.4	1.5	7.1	398.8	53.1
8"	292.1	203.2	342.9	298.4	269.7	8-Ø22.3	28.4	1.5	7.9	299.7*	77.1
10"	330.2	254	406.4	361.9	323.9	12-Ø25.4	30.2	1.5	8.6	398.8*	142.9
12"	355.6	304.8	482.6	431.8	381	12-Ø25.4	31.8	1.5	9.7	398.8*	235.9

1/2"~12"-150#-CAST STEEL BALL VALVE			
CLIENT		DWG REV .NO	00
P.O.NO		CLASS	
APPROVED BY		HYDROSIATIC	SHELL
REVIEWED BY		TEST (PSI)	SEAT
MADE BY		AIR TSET	
DRAWING NO	1/2"-12"-JR846	DATE	
GDVAL VALVE			