

APP'L	DATE	LVL	ECN
	10/17/11	A	N01414

VALVE SIZE (NPT)	VALVE MATERIAL	DIMENSIONS			WEIGHT (LBS)	ACTUATOR TORQUE (IN/LBS)	FLOW COEFFICIENT CV
		A	B	C			
1/2"	BRASS	5.58	2.60	7.02	8.16	150*	19
3/4"		5.75	2.93	7.51	8.39	150*	34
1"		6.06	3.56	7.83	8.83	150*	52
1 1/2"		6.58	4.60	9.13	10.65	150*	143
2"		6.94	5.31	9.72	12.96	300	205
2-1/2"		7.33	6.10	10.86	16.14	600	475
3"		7.73	6.89	11.65	21.16	600	780
1/2"	STAINLESS STEEL (316 SS)	5.68	2.80	7.78	8.18	150*	38
3/4"		5.78	3.00	7.93	8.67	150*	71
1"		6.00	3.43	8.43	9.66	150*	110
1 1/2"		6.51	4.46	9.48	11.65	150*	350
2"		6.98	5.40	10.23	14.88	300	600

* ACTUATOR TORQUE FOR THESE UNITS WITH DC VOLTAGE IS 300 IN/LBS.

NOTES:

1. RATED PRESSURE: BRASS 600 PSIG COLD WOG.
SS 900 PSIG COLD WOG
2. VALVES ARE FULL PORT 2 PIECE BALL VALVES
3. AVAILABLE ELECTRICAL: -115VAC-1PH-50/60HZ, MAX CURRENT: 1.7 AMPS
-230VAC-1PH-50/60HZ, MAX CURRENT: 0.9 AMPS
-12VDC, MAX CURRENT: 1.7 AMPS
-24VDC, MAX CURRENT: 0.9 AMPS

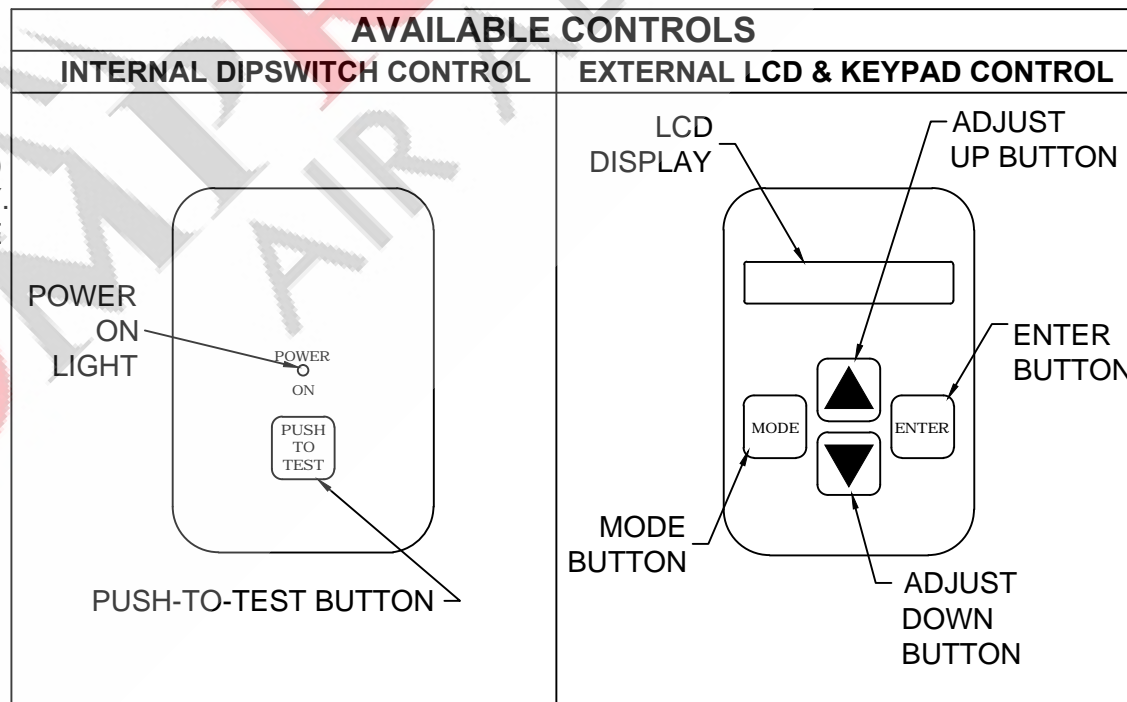
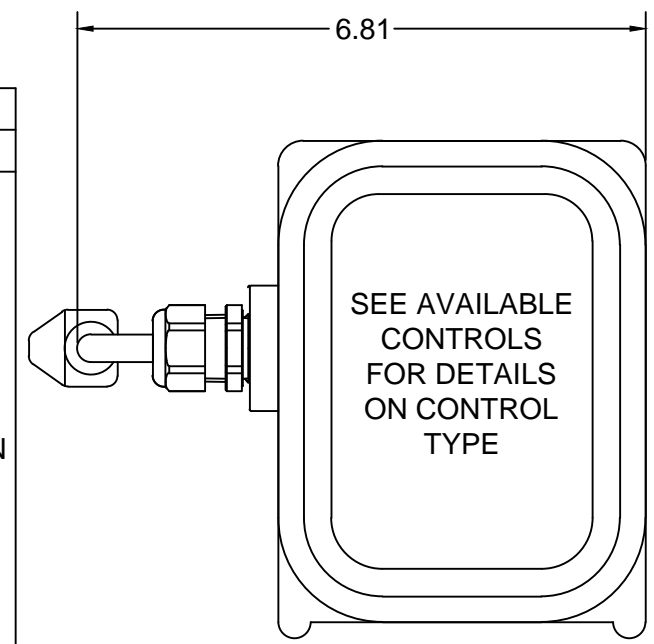
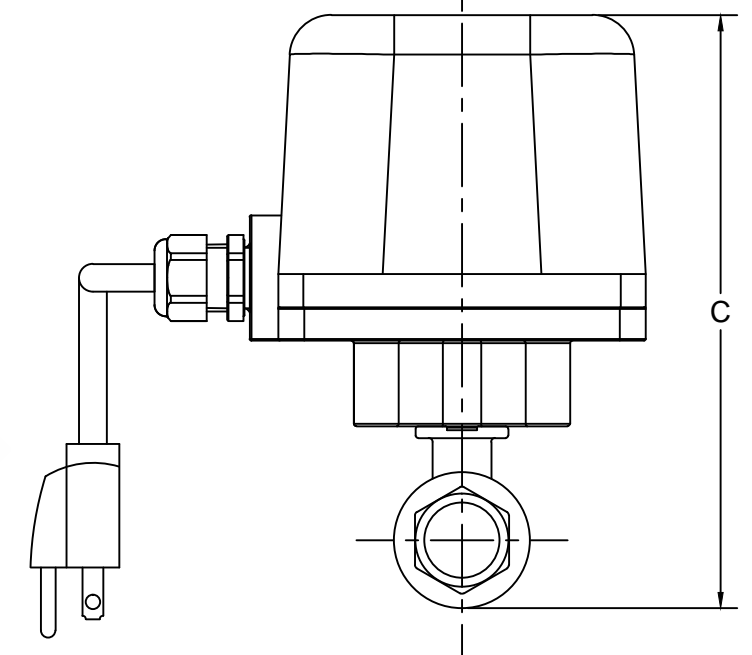
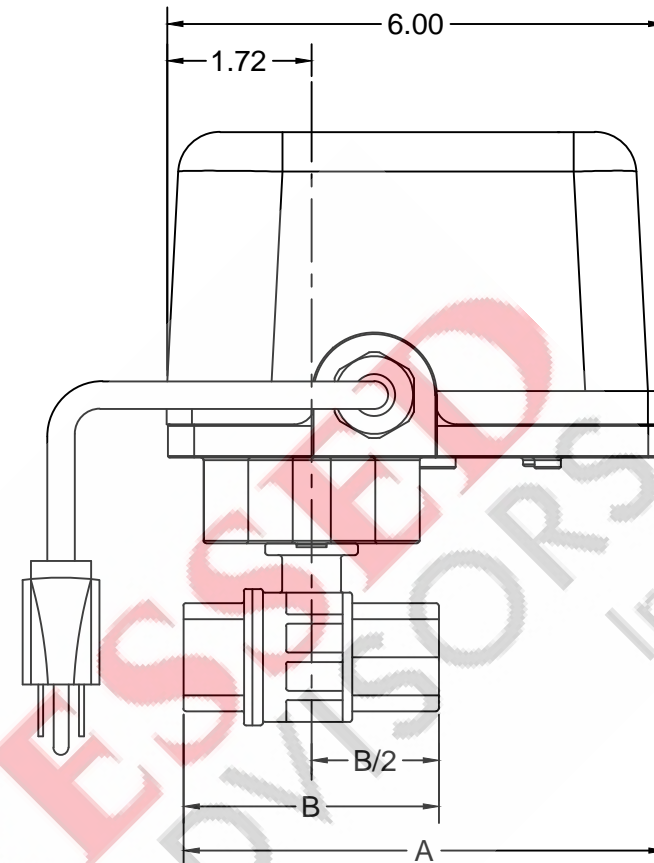
(DC VOLTAGE UNITS ARE SUPPLIED WITH POWER CORD BUT WITHOUT PLUG)

4. AVAILABLE CONTROLS: -EXTERNAL MEMBRANE KEYPAD WITH LCD DISPLAY.
-INTERNAL DIPSWITCH CONTROLS FOR TIME CYCLE SETTING (INCLUDES EXTERNAL PUSH-TO-TEST BUTTON WITH POWER LED).

ALSO AVAILABLE: THE ABOVE MENTIONED CONTROLS WITH ALARM RELAY & CONTACTS (CONTACT RATING 10A @ 125VAC)

5. ENCLOSURE RATING: NEMA 1 (LCD VERSION)
NEMA 4 (DIPSWITCH VERSION)
6. AMBIENT TEMPERATURE OPERATING RANGE:
40 TO 120°F (LCD VERSION)
0 TO 120°F (DIPSWITCH VERSION)

7. VALVE INTERNAL MATERIALS:
BRASS VALVES; BALL-CHROME PLATED BRASS
STEM-BRASS, NICKEL PLATED
SEAT-RTFE
316 SS VALVES; BALL-316SS
STEM-316SS
SEATS-PTFE/TFM



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MOTORIZED DRAIN VALVE
MDV400

DRWN BY: WLN	DATE: 06-11-01	DRWG No. SD-80047	REV A
CHECKED: DK	SCALE: NONE		

APP'L: DK
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