



MSCV15 with Electric Actuator

MayorSeal CV15 control valve can be equipped with an electric actuator. The electric actuator takes the place of the standard spring/diaphragm actuator. In addition to being a zero emissions device, electric actuators also have the advantage of high shut off loads and excellent control in a convenient package.

MayorSeal's electric actuator offering includes options for AC and DC power sources, and for both modulating and on/off service.

All standard valve options are available when used with an electric actuator.



Specifications

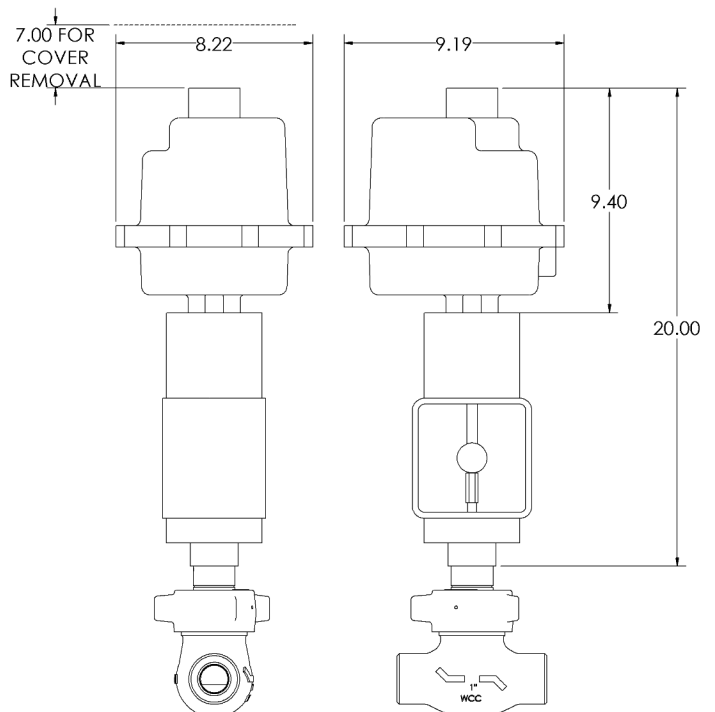
Power: 120 VAC 50/60 Hz, 12 VDC, 24 VDC
 Amp Draw: .8 (AC), 2 (12VDC), 4 (24VDC)
 Max Thrust: 1050 lbf
 Control Types: On/Off, Modulating, Pulse (DC Only)
 Control Signal: 4-20 mA, 1-5 V, 0-5 V, 0-10 V, 2-10 V
 Cycle Time: 8 Seconds

Housing: UL1203 Explosion Proof Enclosure with IP 4X Rating
 Housing Connections: Two 1/2" NPT
 Max Ambient Temperature: 150°F

Maximum Shut-Off Pressures

Trim Size (in.)	Flow Direction	Pressure (psi)
0.25	Up	4000
0.375		4000
0.50		4000
0.75		2163
1.00		1177
0.25	Down	4000
0.375		4000
0.50		4000
0.75		3054
1.00		1500

Dimensions



How to Order

Example Model No. MSCV15-1N50E1-CB-2Q

MSCV10 Series Dump Valve, 1" Globe Body, Threaded Ends, 12 VDC Modulating Electric Actuator, Carbon Steel with Buna Seals, 0.25" Quick Open SST Trim

Body Size 1 - 1" Globe 3 - 1" Tee 2 - 2" Globe 4 - 2" Angle	MSCV15-1 N 50 E 1 - C B - 2 Q
Connection N - NPT (female) B - Buttweld W - Socket Weld F - RFF J - RTJ X - Custom	
Class 50 - NPT (4000psi) 60 - 600 40 - Shd 40 (Buttweld) 10 - 150 90 - 900 80 - Shd 80 (Buttweld) 30 - 300 15 - 1500 16 - Shd 160 (Buttweld)	
Actuator E1 - 12VDC Modulating E2 - 12VDC On/Off E3 - 12VDC Pulse E4 - 24VDC Modulating E5 - 24VDC On/Off E6 - 24VDC Pulse E7 - 120VAC Modulating E8 - 120VAC On/Off	
Materials C - Carbon N - Carbon T - Stainless L - Low Temp Car-	
Seals B - Buna V - Viton® L - Low Temp Buna	
Trim Size 2 - 0.25" 4 - 0.50" 8 - 1.00" 3 - 0.375" (3/8") 6 - 0.75"	
Trim Type Q - Quick Open Stainless T - Throttling Stainless R - Quick Open Tungsten Carbide U - Throttling Tungsten Carbide	

Note: See the CV10 brochure for additional valve data.



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