

SPECIFICATIONS

Angle of Rotation:	95° ¹
Overload Protection:	Automatic
Protection Class:	IP 54
Rotation:	Clockwise / Counterclockwise ²
Noise Level:	40dB(A)
Compatible With:	2-Way Unimizer® 3-Way Unimizer® Automizer®, Mini-mizer™ PIC-V™, Space Saver PIC-V™, PIM-V™

The Griswold Controls Universal Mounting Plate on all 1/2" to 3" valves is compatible with the following actuators besides the actuators detailed in the following tables. Contact the factory if you have a different model number not listed below.

Honeywell: ML6161D2006, ML6174D2009, ML7161A2008, ML7174A2001, ML6185A1000, ML6185C1008, ML8185A1008, ML8185C1006, ML7285A1007, ML7285C1005, MN6105, MN7510, MN7520, MN6110
Schneider Electric: MF40-6083, MA40-7043, MA40-7043-501, MA40-7040, MA40-7040-501, MF40-7043, MF40-7043-501, MS40-7043, MS40-7043-501
Johnson Controls: M9106-AGA2, M9106-AGC2, M9106-GGA2, M9106-GGC2, M9206-AGA2, M9206-AGC2, M9206-GGA2, M9206-GGC2
Belimo: LM24, LM24S, LF24, LF24S, LF120, LF120S, LF24-3, LF24-3S, LM24SR, LF24SR, LF24SRS, LMB24-SR-T
Neptronic: BBT-24, BBT-1000, BBT-1060, BBT-1021, BBT-1080, BBTHV-1100, BBTHV-1160, BBTHV-1120, BBTHV-1180, BBM2000A, BBM2060A

Suitable for 1/2" to 3" Valves - torque required is less than 35 in-lbs for all valves

SIEMENS	GDE131.1P	GDE161.1P	GMA121.1P	GMA131.1P	GMA161.1P
Power Supply	24Vac	24Vac	24Vac/dc	24Vac/dc	24Vac/dc
Torque	44 in-lb	44 in-lb	62 in-lb	62 in-lb	62 in-lb
Control Signal: On/Off			•		
Control Signal: 3 Point	•			•	
Control Signal: Modulating 0–10 VDC		•			•
Speed	90 sec	90 sec	90 sec	90 sec	90 sec
Fail Safe (Spring Return)			•	•	•
Operating Power	3.3 VA	3.3 VA	5 VA	5 VA	5 VA
Mounting Components	9656-250	9656-250	9656-250	9656-250	9656-250
Weight	1.1 pounds	1.1 pounds	3.0 pounds	3.0 pounds	3.0 pounds
Wiring Diagram					

NOTES

¹ Griswold Controls actuators are factory aligned with valve position and end stop set when part of a pre-assembled valve and will only rotate 90°. Field mounting requires the installer following good industry practice, to align actuator settings with valve positions and set the end stops before operation.

² *Non Failsafe models:* Clockwise/Counterclockwise rotation can be changed via a field accessible switch on the actuator housing. See actuator cover for direction. *Failsafe models:* Turn actuator upside down to change rotation or use a switch to change rotation. See actuator IOM for specifics.

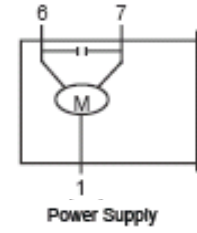
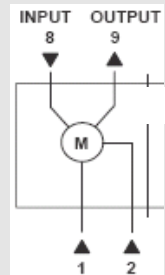
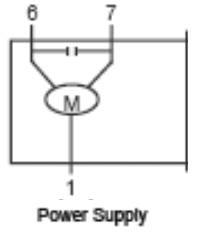
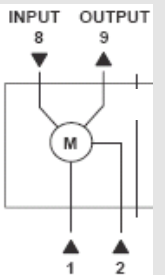
Suitable for 1/2" to 3/4" Valves Only

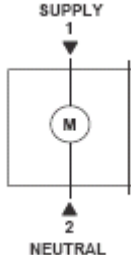
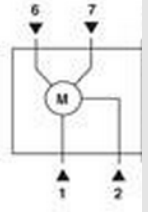
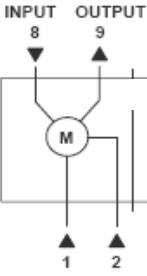
KMC CONTROLS	MEP-4201	MEP-4255	MEP-4252
Power Supply	24 Vac/dc	100-240 Vac	24 Vac/dc
Torque	25 in-lb	25 in-lb	25 in-lb
Control Signal: On/Off	•	•	
Control Signal: 3 Point	•		
Control Signal:			Modulating 2-10VDC
Speed	<35 sec	<25 sec	<50 sec
Fail Safe (Capacitor)		•	•
Operating Power	6 VA	6 VA	6 VA
Mounting Components	9656-248	9656-248	9656-248
Weight	1.1 pounds	1.5 pounds	1.5 pounds
Wiring Diagram	See actuator cover for wiring diagram		

Suitable for 1/2" to 3" Valves

KMC CONTROLS	MEP-4001	MEP-4002	MEP-4554	MEP-4555	MEP-4501	MEP-4552 (formerly MEP-5372)	MEP-4551 (formerly MEP-5373)	MCP- 36315000
Power Supply	24 Vac	24 Vac	24 Vac/dc	100-240 Vac	24 Vac	24 Vac	24 Vac	Pneumatic
Torque	40 in-lb	40 in-lb	45 in-lb	45 in-lb	40 in-lb	45 in-lb	45 in-lb	59 in-lb
Control Signal: On/Off			•	•	•			
Control Signal: 3 Point	•				•		•	
Control Signal:		Modulating 0-10VDC				Modulating 2-10VDC		8-13 psi
Speed	90 sec	90 sec	<35 sec	<25 sec	<35 sec	90 sec	90 sec	
Fail Safe (Capacitor)			•	•		•	•	
Operating Power	2 VA	4 VA	6 VA	6 VA	6 VA	6 VA	6 VA	
Mounting Components	9656-250	9656-250	9656-248	9656-248	9656-248	9656-849	9656-849	9656-852
Weight	1.1 pounds	1.1 pounds	1.5pounds	1.5 pounds	1.1 pounds	3.0 pounds	3.0 pounds	1.5 pounds
Wiring Diagram	See actuator cover for wiring diagram							

Suitable for 4"-6" Unimizer and 3"-6" PIM

SIEMENS	GLB131.1P	GLB 161.1P	GEB131.1P	GEB161.1P
Power Supply	24Vac	24Vac	24Vac	24Vac
Torque	88 in-lb	88 in-lb	132 in-lb	132 in-lb
Control Signal: 3 Point	•		•	
Control Signal: Modulating 0–10 VDC		•		•
Speed	125 sec	125 sec	125 sec	125 sec
Built-in Auxiliary Switches				
Position Feedback				•
Operating Power	2.3 VA	3.3 VA	3 VA	5 VA
Mounting Clip	9656-762	9656-762	9656-817	9656-817
Weight	1.1 pounds	1.1 pounds	2.2 pounds	2.2 pounds
Enclosure	Nema 2	Nema 2	Nema 1	Nema 1
Wiring Diagram	 <p>Where 6 is CW and 7 is CCW</p>		 <p>Where 6 is CW and 7 is CCW</p>	

SIEMENS	GCA121.1P	GCA131.1P	GCA161.1P
Power Supply	24Vac/dc	24Vac/dc	24Vac/dc
Torque	142 in-lb	142 in-lb	142 in-lb
Control Signal: On/Off	•		
Control Signal: 3 Point		•	
Control Signal: Modulating 0–10 VDC			•
Speed	90 sec	90 sec	90 sec
Built-in Auxiliary Switches			
Fail Safe (Spring Return)	•	•	•
Operating Power	7 VA	7 VA	7 VA
Mounting Clip	9656-759	9656-759	9656-759
Weight	4.4 pounds	4.4 pounds	4.4 pounds
Wiring Diagram		 <p>Where 1 is Supply, 2 is Neutral, 6 is CW, 7 is CCW</p>	

KMC CONTROLS	MEP-4951	MEP-4952	MEP-4972	MEP-4954	MEP-4974
Power Supply	24 Vac	24 Vac	24 Vac	24 Vac	24 Vac
Torque	90 in-lb	90 in-lb	90 in-lb	90 in-lb	90 in-lb
Control Signal: On/Off				•	•
Control Signal: 3 Point	•				
Control Signal:		Modulating 2-10VDC	Modulating 2-10VDC		
Speed	< 45 sec	< 80 sec	< 80 sec	< 45 sec	< 45 sec
Fail Safe (Capacitor)	•	•	•	•	•
Built-in Auxiliary Switches			•		•
Operating Power	6VA	6 VA	6 VA	6 VA	6 VA
Mounting Clip	9656-762	9656-762	9656-762	9656-762	9656-762
Weight	1.5 pounds	1.5 pounds	1.5 pounds	1.5 pounds	1.5 pounds
Wiring Diagram	See actuator cover for wiring diagram				

The Griswold Controls Universal Large Mounting Plate is also compatible with the following actuators.

Honeywell: ML6284A1027, MN6120A1002, MN6120A1200, MN6134A1003, MN7220A2205, MN7510A2209, MN7510A2001, MN6110A1201, MN6110A1003, MS3110/MS3120/ MS4110/MS4120/ MS4610/MS4620/ MS7110/MS7120/ MS7510/MS7520/ MS8110/MS8120

Schneider Electric: MF41-6153, MS41-6153, MA4x-7153, MA4x-7153-502, MS4x-7153, MS4x-7153-502, MF4x-7153, MF4x-7153-502, **Johnson Controls:** M9116-xxx-2, 9124-xxx-2, 9132-xxx-2, M9216-xGx-2, M9208-Bxx-3, M9106-xGx, M9208-GGx-x, M9109, M9220-xxx-3

Belimo: AM24, AM24-SR, AF24, AF24-SR, AFB24, AFB24-SR, AFX24, NFB24, NFX24, AFB24-S, AFB24-SR-S, AFX24-S, NFB24-S, NFX24-S, AFB24-MFT, AFB24-SR-MFT, AFX24-MFT, NFB24-MFT, NFX24-MFT, AFB24-MFT-S, AFB24-SR-MFT-S, AFX24-MFT-S, NFB24-MFT-S, NFX24-MFT-S