

MGV Series Soft Start Valves

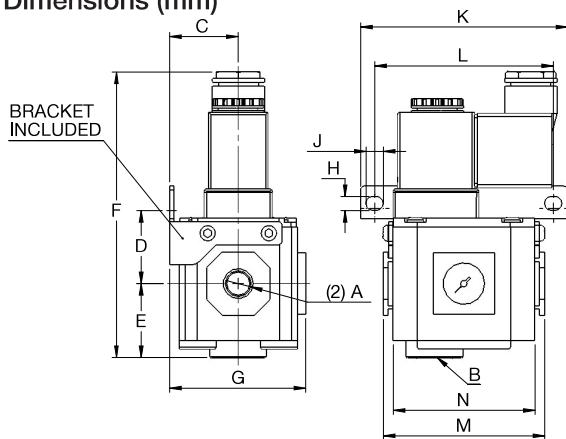
Engineering Specifications

Model	MGV200-06	MGV200-08	MGV300-08	MGV300-10	MGV400-15
Fluid	Air (Clean/Dry)				
Actuation	Solenoid Operated, 3/2 Soft Start				
Port Size	1/8 NPT	1/4 NPT	1/4 NPT	3/8 NPT	1/2 NPT
Exhaust Port Size	1/4 NPT		3/8 NPT		1/2 NPT
Pressure Range	36 to 130 psi (0.25 to 0.9 MPa)				
Proof Pressure	215 psi (1.5 MPa)				
Temperature Range	-4 °F to 158 °F (-20 °C to 70 °C) (Explosion Proof -4 °F to 140 °F [-20 °C to 60 °C])				
Electrical Connection	DIN / LED Connector or Flying Leads or Explosion Proof Coil Conduit Entry				
Voltage Range	-15% to +10%				
Insulation	Class B				
Power Consumption ¹	AC: 3.5VA / DC: 2.5W				
Mounting	Individual Stamped Steel Bracket or Modular Connecting Kit				
Material	Aluminum Alloy Body				
Connector/Coil ¹	11mm DIN Connector, Industrial Form B				
Includes	Modular Connecting Kit / Stamped Steel Bracket				

¹ See Valves catalog for explosion proof specifications



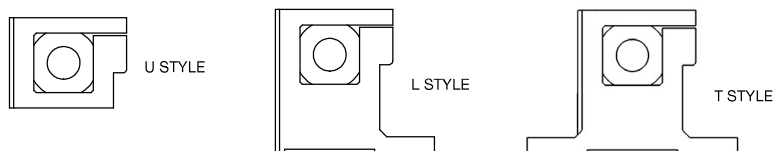
Dimensions (mm)



Model	A	B	C	D	E	F
MGV200-06	1/8 NPT	1/4 NPT	24.5	30.5	30	123.5
MGV200-08	1/4 NPT	1/4 NPT	24.5	30.5	30	123.5
MGV300-08	1/4 NPT	3/8 NPT	31.5	34.5	34	131
MGV300-10	3/8 NPT	3/8 NPT	31.5	34.5	34	131
MGV400-15	1/2 NPT	1/2 NPT	40.5	39	40.5	142.5

Model	G	H	J	K	L	M	N
MGV200-06	57	5.5	8	80	67	59	50
MGV200-08	57	5.5	8	80	67	59	50
MGV300-08	62.2	6.5	8	95	82	74	65
MGV300-10	62.2	6.5	8	95	82	74	65
MGV400-15	80	8.5	11	120	102	90	78

Modular Connection Kit (included)



How to Order

MGV series soft start valve models can be configured using basic alphanumeric clusters. To create an MGV series part number, choose model, port size, drain, and filtering. Sample MGV series part numbers and available options are featured below.

MGV 300 - 08 - T - 24VDC - X

Model		Port Size		Modular Connecting Kit ¹		Voltage		Electrical Connection	
200	200 Series	06	1/8 NPT (200 Series)	T	T Style	12VDC	12VDC	Blank	DIN Connector
300	300 Series	08	1/4 NPT (200, 300 Series)	L	L Style	24VDC	24VDC	FL	Flying Leads ²
400	400 Series	10	3/8 NPT (300 Series)	U	U Style	24VAC	24VAC 50/60 Hz	X	Explosion Proof ³
		15	1/2 NPT (400 Series)			120VAC	120VAC 50/60 Hz		

¹ All Pressure Relief Valves also include stamped bracket

² Not available with 24VAC. Flying Leads are 300mm long.
³ See Valves catalog for specifications. Leads are 580mm long.

