

## MGV Series Soft Start Valves

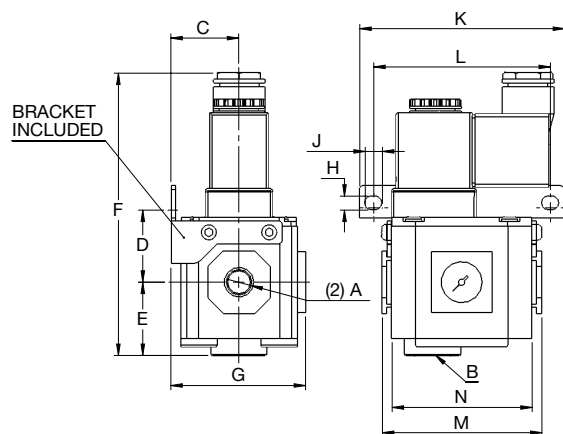
### Engineering Specifications

| 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 <sup>1</sup> | AC: 3.5VA / DC: 2.5W                                                                  |           |           |           |           |
| Mounting                       | Individual Stamped Steel Bracket or Modular Connecting Kit                            |           |           |           |           |
| Material                       | Aluminum Alloy Body                                                                   |           |           |           |           |
| Connector/Coil <sup>1</sup>    | 11mm DIN Connector, Industrial Form B                                                 |           |           |           |           |
| Includes                       | Modular Connecting Kit / Stamped Steel Bracket                                        |           |           |           |           |

<sup>1</sup> 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)

