The SERIES HGV Hand Operated Globe Valves are an economical and functional alternative to large actuator/control valve packages. Metal-to-metal seating ensures excellent flow control and shut-off service. The body and bonnet are each constructed of CF8M (316) SS for superb corrosion resistance and chemical compatibility.

**FEATURES/BENEFITS**
- Threaded ends conform to ANSI B 2.1, BS 21, DIN 259/2999, ISO 228
- SS inside screw, screwed bonnet, swivel disc integral seat, rising stem and hand wheel
- Wetted Materials: Body, bonnet, packing nut: CF8M (316) SS; disc, stem, retainer ring; Gland: 316 SS; Packing: PTFE.
- Temperature Limits: -30 to 356°F (-28.9 to 180°C).
- Pressure Limits: 725 psi (50.0 bar) from -20 to 300°F (-28.9 to 93.3°C); 500 psi (34.5 bar) at 300°F (148.9°C); 450 psi (31.0 bar) at 325°F (162.8°C); 100 psi (6.9 bar) at 350°F (176.7°C).
- Compatible liquids and gases.
- Service: Female NPT.
- End Connections: Female NPT.

**WETTED MATERIALS**
- Body, cap, and plug are made from either a high quality brass or stainless steel to ensure reliability. The seal is constructed of PTFE to ensure long service life. The stainless steel strainer provides excellent filtration to help prevent damage to valves, meters, etc. from rust and dirt, without sacrificing high flow characteristics.
- **BYS Dimensions**
  - | NPT Size | A | B |
  - |      | in [mm] | in [mm] |
  - | 1/4"  | 2-3/8/64 [64.00] | 1-27/32 [46.99] |
  - | 3/8"  | 2-3/64/64 [64.00] | 2-37/64 [64.99] |
  - | 1/2"  | 3-1/64 [75.00] | 2-15/64 [56.90] |
  - | 3/4"  | 3-35/64 [90.00] | 2-41/64 [67.06] |
  - | 1-1/4" | 4-11/64 [108.00] | 3-5/32 [40.01] |
  - | 1-1/2" | 4-11/16 [119.00] | 3-5/32 [40.01] |
  - | 2"    | 4-33/64 [109.99] | 3-21/32 [92.98] |

**SERIES BYS & SYS | W.E. ANDERSON® BY DWYER**

**BRASS OR STAINLESS STEEL Y-STRAINER**
Cost Effective, Excellent Filtration, High Flow

**MODEL CHART**

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<th>Model</th>
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**SERIES HGV**
Low Cost, High Pressure Rating

**MODEL CHART**

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**SPECIFICATIONS**

- **Service**: Compatible liquids and gases.
- **End Connections**: Female NPT.
- **Pressure Limits**: 725 psi (50.0 bar) from -20 to 300°F (-28.9 to 93.3°C); 500 psi (34.5 bar) at 300°F (148.9°C); 450 psi (31.0 bar) at 325°F (162.8°C); 100 psi (6.9 bar) at 350°F (176.7°C).
- **Wetted Materials**: Body, bonnet, packing nut: CF8M (316) SS; disc, stem, retainer ring; Gland: 316 SS; Packing: PTFE.
- **Temperature Limits**: -30 to 356°F (-28.9 to 180°C).
- **Other Materials**: Hand wheel: Cast iron; Plate: Aluminum; Wheel nut: 316 SS.

++USA: California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov