

### Application

These heavy-duty globe/angle valves, designed primarily for commercial applications, offer superior performance and durability under the most demanding conditions. Tracing its origin back to the highly popular Century Series, the 100 Series (Century PLUS) delivers reliable performance with a host of enhanced features.

### Features

- Available in 25, 40, 50 and 80 mm BSP
- 1400 kPa rating (800 kPa if using DCL)
- Manual internal and external bleed
- Flow control allows flow adjustment and manual shutoff
- Globe/angle configuration
- Glass-reinforced nylon body withstands high temperatures under pressure
- Rugged, double-beaded, nylon-reinforced Buna-N diaphragm
- Stainless steel metering system
- Captive plunger solenoid
- Positive O-ring seal on inlet plug
- Moulded-in studs allow positive bonnet attachment
- Brass flow control stem (50 and 80 mm models)
- Pressure Regulation (OmniReg® modular option). See OmniReg page for performance data and specifications.
- 9–12 VDC Latching Solenoid option (DCL)

### Electrical Specifications

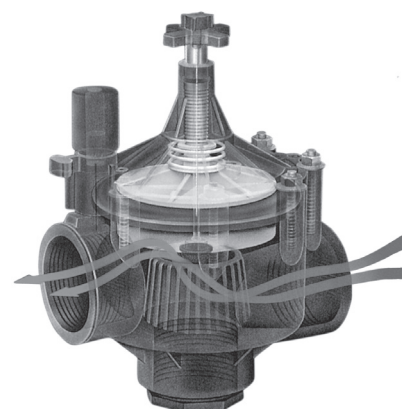
- Solenoid: 24 VAC
- Inrush volt-amp: 24 VAC - 9.6 VA
- Inrush current: 0.4 amp
- Holding volt-amp: 24 VAC - 4.8 VA
- Holding current: 0.2 amp

#### Dimensions (L × W × H)

Size	Length (mm)	Width (mm)	Height (mm)
25	130	92	171
40	130	92	184
50	197	156	243
80	210	156	273

### Operating Specifications

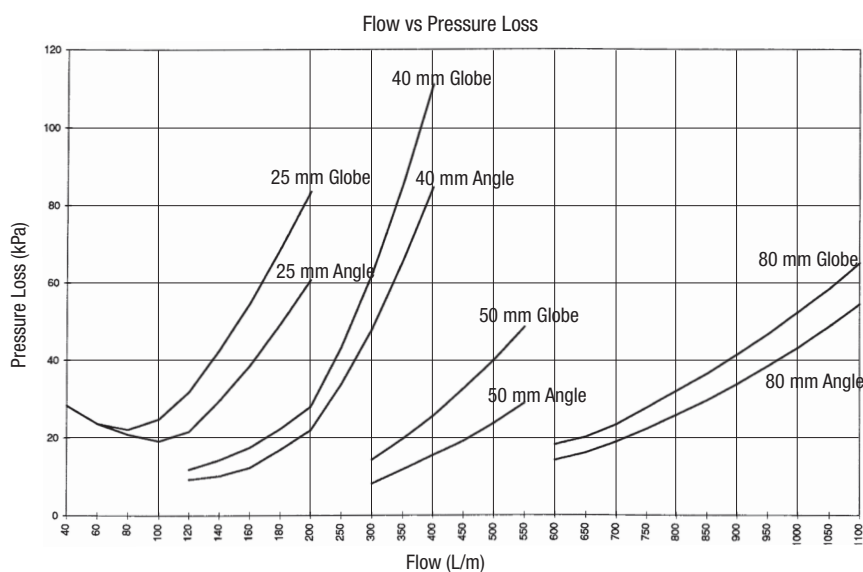
- Flow Range:
    - 25 mm: 20 to 200 Lpm
    - 40 mm: 120 to 400 Lpm
    - 50 mm: 300 to 650 Lpm
    - 80 mm: 575 to 1100 Lpm
  - Pressure Range: 70–1400 kPa
- Consult your irrigation designer before using any solenoid valve where flow velocities exceed 2 m/sec



Century Plus Commercial Valve

### Ordering Information

Code	Description
100P1-BSP	Century Plus 25 mm FBSP Solenoid Valve with Flow Control
100P1.5-BSP	Century Plus 40 mm FBSP Solenoid Valve with Flow Control
100P2-BSP	Century Plus 50 mm FBSP Solenoid Valve with Flow Control
100P3-BSP	Century Plus 80 mm FBSP Solenoid Valve with Flow Control
HVC-KIT	Hydraulic Conversion Kit for Century Series Valves



When designing a system, the industry standard maximum flow rate velocity through pipes and fittings is 2m/s. Please refer to relevant pipe velocity data.