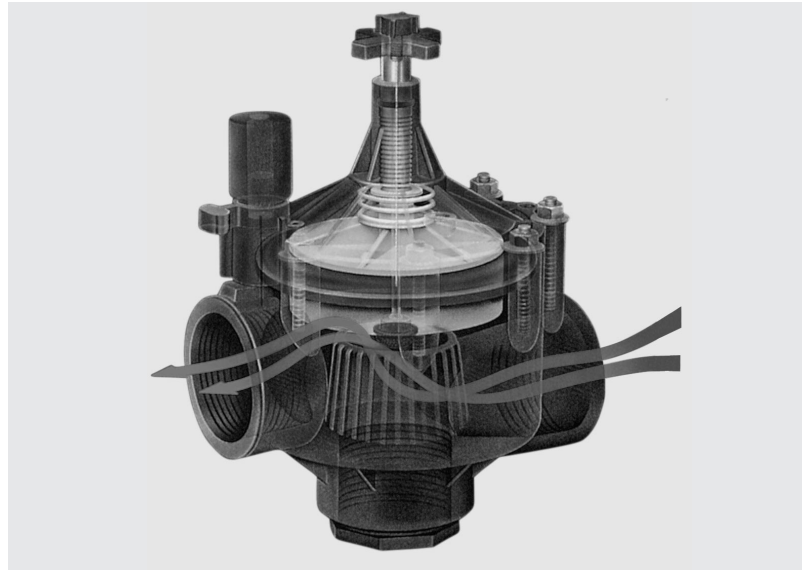


## Application

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.
- Manual internal and external bleed.
- Flow control allows precise 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)**
- Electric or manual operation
- Self-modulating pressure regulator maintains constant downstream pressure within 20 kPa of pressure setting
- Outlet pressure regulating range from 35-700 kPa or 35-210 kPa with Schrader valve test port. (Gauge optional)
- Inlet pressure must be 70 kPa greater than desired outlet pressure.

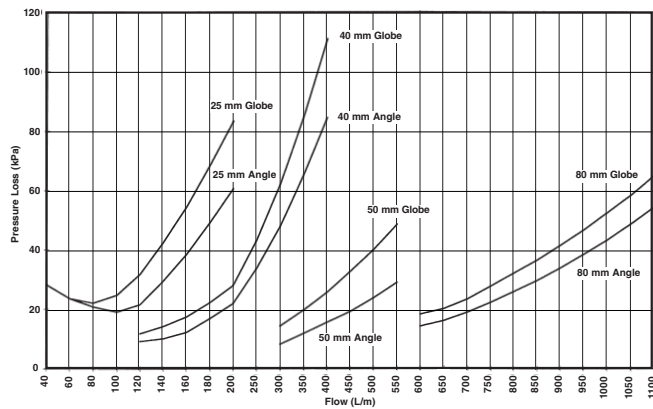


New generation Century Plus Commercial Valve

## ORDERING INFORMATION

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

## Flow vs Pressure Loss



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.

## Electrical Specifications

- Solenoid: 24 VAC
- Inrush volt-amp: 24 VAC - 11.50 VA
- Inrush current: 0.34 amp
- Holding volt-amp: 24 VAC - 5.75 VA
- Holding current: 0.2 amp

## Dimensions

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: 19-1200 L/m
- Pressure Range: 70 - 1400 kPa