

## FLOW CONTROL VALVE

### GENERAL FEATURES

Designed to control the flow through the valve. It keeps the constant flow through the valve without being affected by pressure and flow fluctuations. Prevents excess water flow during backwashing in filtration systems and prevents water waste.

#### Technical Specifications

- Working with line pressure and not need extra energy
- Able to set the desired flow rate easily and precisely
- Easy maintenance

#### Adjustment

Install the signal hose and orifice plate supplied with the valve as shown in the operating instructions. Set the 3-way ball valve on the valve to Auto. Open the 3-way pilot protection cover on the valve.

If the flow rate through the van is insufficient, increase the pressure to pass through the valve by tightening the adjusting bolt. If the flow rate through the van is too high, loosen the adjusting bolt and reduce the valve to pass through the van.

#### Installation

-The valve can be install in horizontal / vertical position.

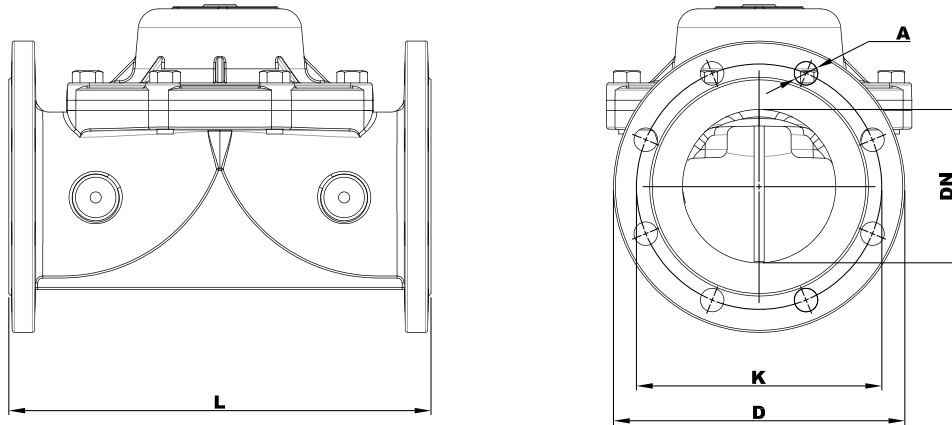
#### Valve Selection

$$D = \sqrt{\frac{250 \times Q}{\sqrt{Hm}}}$$

D: Draining Pressure Control Valve (mm)  
Q: System Flow (m<sup>3</sup>/h)  
Hm: System Operating Pressure (mSS)

PRODUCT SPECIFICATIONS	
Body	GG-25 Cast Iron
Diaphragm	Cord Scrim Reinforced Natural Rubber
Cover	GG-25 Cast Iron
Diaphragm Pressure Ring	Polyamide
Spring	SST 302
Max. Working Pressure (bar)	16
Max. Working Temperature (°C)	80
Connection Type	Flanged

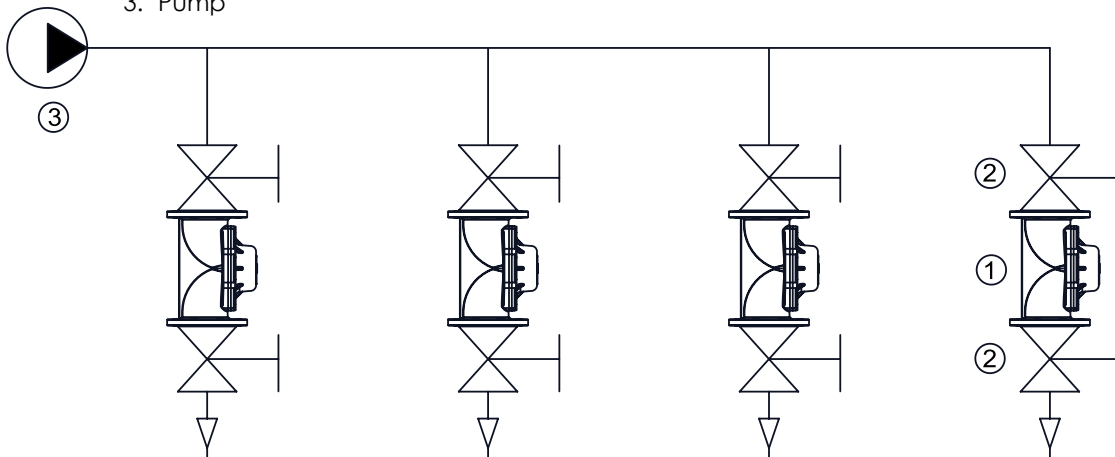
# FLOW CONTROL VALVE



DIMENSIONS (mm)					
DN	L	D	K	A	Number of Holes
50	205	165	125	19	4
65	205	185	145	19	4
80	290	200	160	19	8
100	300	220	180	19	8
125	330	250	210	19	8
150	415	285	240	23	8
200	475	340	295	23	12
250	475	405	355	28	12
300	525	460	410	28	12

## SAMPLE INSTALLATION

1. Flow Control Valve
2. Isolation Valve
3. Pump



### HEAD OFFICE - FACTORY

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