

# V526

## PRESSURE RELIEF CONTROL VALVE



### Product Description

V526 Pressure Relief Control Valves are hydraulically operated safety control valves, designed to protect water network systems by releasing higher upstream pressure surges to atmosphere that causes from sudden changes in water speed because pumps put into/out of service frequently in water network elevation lines or for any reasons. When line pressure goes beyond preset point, the valve opens by itself quickly and protects system by releasing over pressure and maintains it constant, regardless of fluctuating demand or varying upstream pressure. When there is no flow in the system, it closes by itself automatically. When line pressure decreases to normal level, it closes slowly and automatically as fully sealed without causing surge.



Technical Data	
Size range	DN40 - DN300
Pressure range	0,7 - 16 bar ( 10 - 240 psi )
Temperature	-10°C to +80 °C
Flange drilling	Flanged EN 1092-2 / ISO 7005-2 Threaded ISO (BSP) - ANSI (NPT)
Coating	Polyester Epoxy
Testing	EN 12266-1
Marking	EN 19

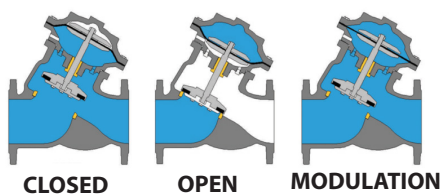
### Application Range

- Water applications
- Household implementation
- Supply of water fire extinguishing
- Various applications of industrial systems.
- Food and chemical enterprises

### Assembly

- Valve can be assembled horizontally or vertically.
- Valve must be on the same level with main-lines during installation.
- Install the valve on direction with arrow shown on the valve.
- Isolation valves (gate valve, butterfly valve, silt trap etc.) could be installed before or after the installation.
- Valve should be installed on the waterline in a "T" shaped connection.

### Working Principle



IRRIGATION



POTABLE WATER



FIRE FIGHTING

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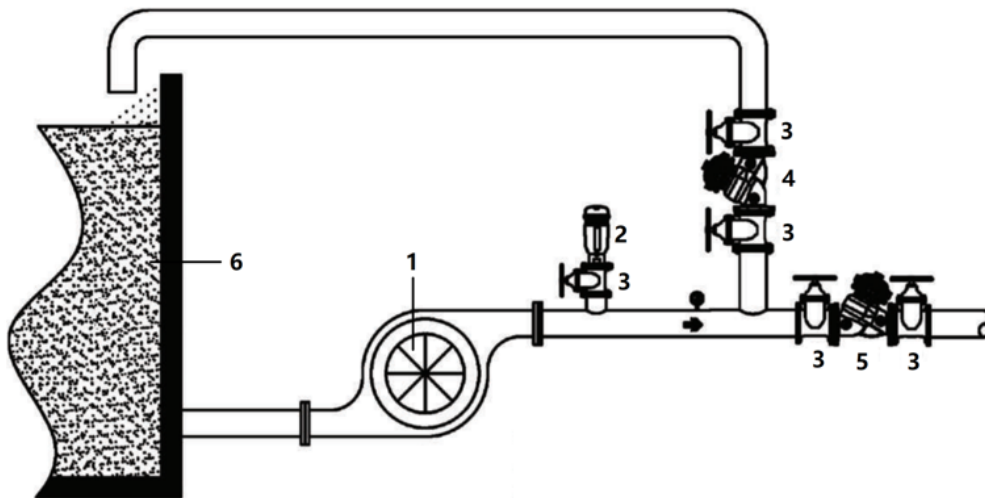
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### Product Features

- No need for extra energy by running on pressure network.
- Easy and zero adjustment to demanded pressure.
- Pressure reduction without being affected by pressure and flow changes in network.
- Easy maintenance.
- Low Cavitation risk.
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### Application System



- 1- Pump
- 2- Air Release Valve
- 3- Isolation Valve
- 4- Pressure Relief Control Valve
- 5- Line Valve
- 6- Reservoir

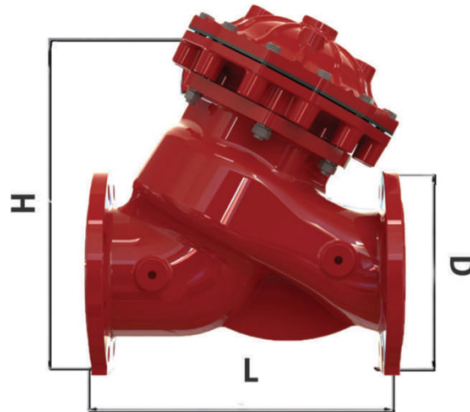


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### Dimensions Table



DN		L		D		H		Weight	
inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2"	50	8.4	215	6.2	165	10.6	270	13	5.9
2½"	65	8.6	220	7.2	185	11.3	288	14	6.4
3"	80	10.6	270	7.8	200	13.3	340	26	11.8
4"	100	12.9	330	8.6	220	15.3	390	38	17.2
5"	125	13.1	335	9.8	250	16.5	420	39	17.7
6"	150	16.9	430	11.2	285	20.4	520	80	36.3
8"	200	21.2	540	13.2	340	26.2	668	142	64.4
10"	250	24.4	620	16	407	30.5	775	230	104.3
12"	300	25.9	660	18.3	466	33.4	850	370	167.8