

Quick Pressure Relief Control Valve

Plastic Hydraulic Control Valve

The Quick Pressure Relief Control Valve is the safety control valve designed to protect system by releasing pressure surges to atmosphere quickly caused from sudden changes in water speed because pumps put into/out of service frequently in water network elevation lines. When network pressure goes beyond set point, valve opens by itself quickly and protects system by releasing over pressure. When line pressure decreases to normal level, it is closed slowly and automatically as wholly sealed without causing surge.

Pressure Range: PN 10

Diameters : 3/4" 1"-1 1/2" - 2" - 2 1/2" - 3"R - 3"-4"
DN80 - DN100 - DN150 Flanged



Order Information

Please provide the following information in order

Maximum flow rate m³/h

Maximum mains / operating pressure bar

Main pipeline diameter mm

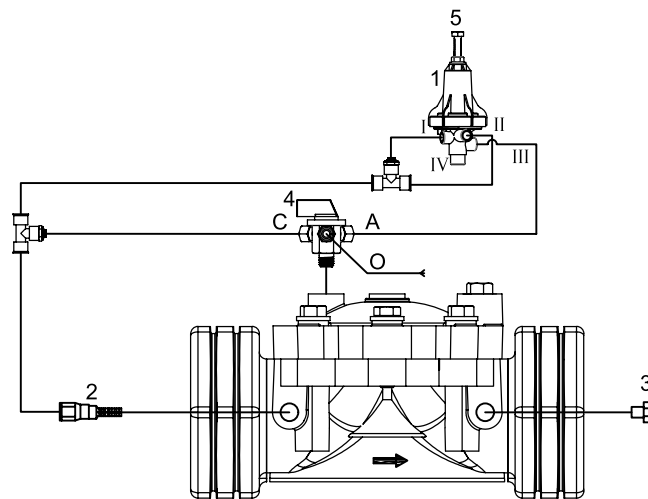
Valve connection type

Desired valve inlet pressure bar



Assembly

- * Connection to the "I" outlet of the pilot and the "C" outlet of the 3-way valve is provided by means of the Te connection element with the help of the plastic pipe after connection to the valve Inlet, finger filter number 2. * connection to the "C" outlet of the pilot and the "C" outlet of the 3-way valve is provided by
- The "II" output of the plastic pilot is connected to the "I" output of the plastic pilot with the necessary connection elements.
- * The plastic pilot's "III" output is connected to the auto "A" output of 3-way valve and the valve output is connected to the "3" blind plug.
- Valve rated diameter should be the same or a small rated diameter as the line diameter.
- In the direction of the arrow indicated on the valve Mount.
- Isolation valves (butterfly or sliding valve etc.) in the line Assembly of the valve.B) it is recommended to use air discharge valve, quick pressure discharge control valve (QR) and dirt retaining valves.
- * Cavitation risk during pressure drop is dangerous for valve body. Adjust the output pressure value you want to adjust by looking at the cavitation chart or contact our company.



- 1 Quick Pressure Relief Pilot
- 2 Finger Filter
- 3 Blind plug
- 4 Three-Way Valve
- 5 Pressure Adjustment Bolt

Adjustment

- Turn on the pump or turn on the mains main valve and give water to the system.
- Turn the 3-way valve to Auto "a" position.
- Wait a few seconds for the water to reach the control Chamber of the valve.
- When you turn the adjustment bolt "5" Clockwise, the adjustment pressure value will increase, otherwise it will decrease when you turn it in the direction.
- After adjusting the desired inlet pressure value, tighten the nut under the adjustment Bolt.
- Check and clean the finger filter indicated by "2" according to the water quality. Do not do more than one filter cleaning in a few months unless the water is very dirty.
- * Drain the water in the actuator and pilot valves of the valves that are not used during the winter season.