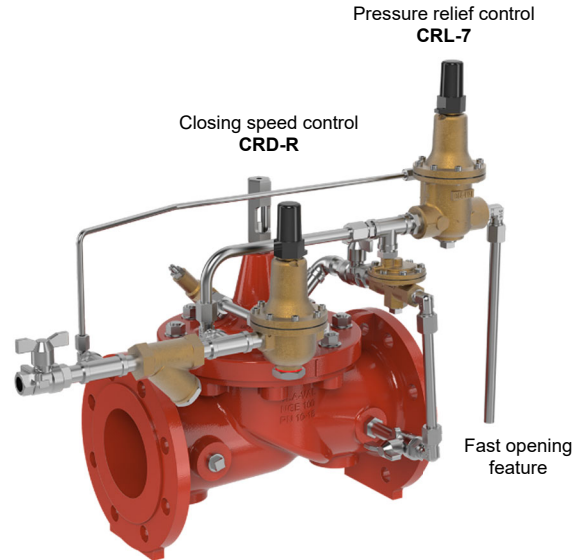
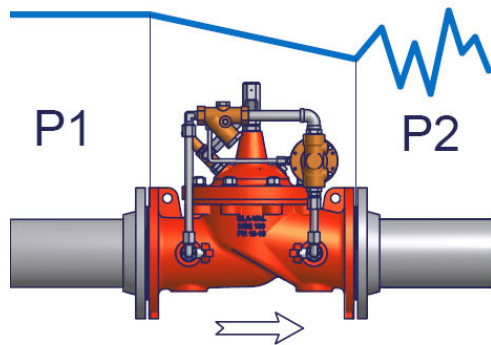


### ► Simple, Reliable and Accurate

- Completely Automatic Operation
- Easy Adjustment and Maintenance
- Quality Approved Materials
- World Wide Support

#### ► CLA-VAL SERIES 50 Main Function



The CLA-VAL SERIES 50 Sustaining Valve accurately maintains a minimum preset (Pressure Relief Control) inlet pressure regardless of changing flow rate.

The CLA-VAL SERIES 50 Relief Valve opens fast to dissipate excess system pressure.

#### ► CLA-VAL 50-55F Typical Application

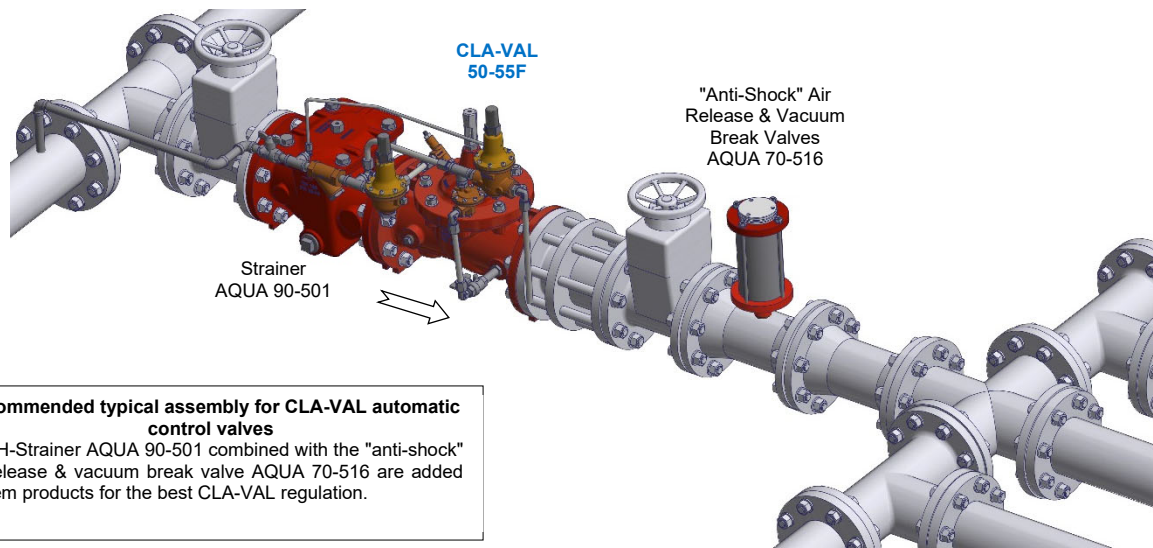
The CLA-VAL 50-55F is typically installed in a main line bypass and discharges any overpressure produced eventually at starting or stopping of the pump(s). When pumping system is started and stopped gradually, harmful surges does not occur. However, should an electric power failure take place, the abrupt stopping of the pump(s) can cause dangerous surges in the system which could result in severe equipment damage.

The CLA-VAL 50-55F damps the respective overpressure and prevents any additional surge build-up by its controlled closure.

#### *Make your valve even Better!*

<i>LFS Option?</i>	<i>Control</i> Low flows or night flows
<i>KO Option?</i>	<i>Extend</i> valve life with Anti-Cavitation trim
<i>KG1 Option?</i>	<i>Use</i> stem cleaning for harsh water
<i>Maintenance?</i>	<i>Check</i> on periodic maintenance
<i>Environment?</i>	<i>Adapt</i> to high temperatures or frost risk
<i>Security?</i>	<i>Add</i> hydraulic safety back-up to your valve
<i>Protection?</i>	<i>Remove</i> excessive system overpressures
<i>Corrosion?</i>	<i>Protect</i> your valve with upgraded materials

*Not just Products but Solutions: contact CLA-VAL!*



#### Recommended typical assembly for CLA-VAL automatic control valves

The H-Strainer AQUA 90-501 combined with the "anti-shock" air release & vacuum break valve AQUA 70-516 are added system products for the best CLA-VAL regulation.