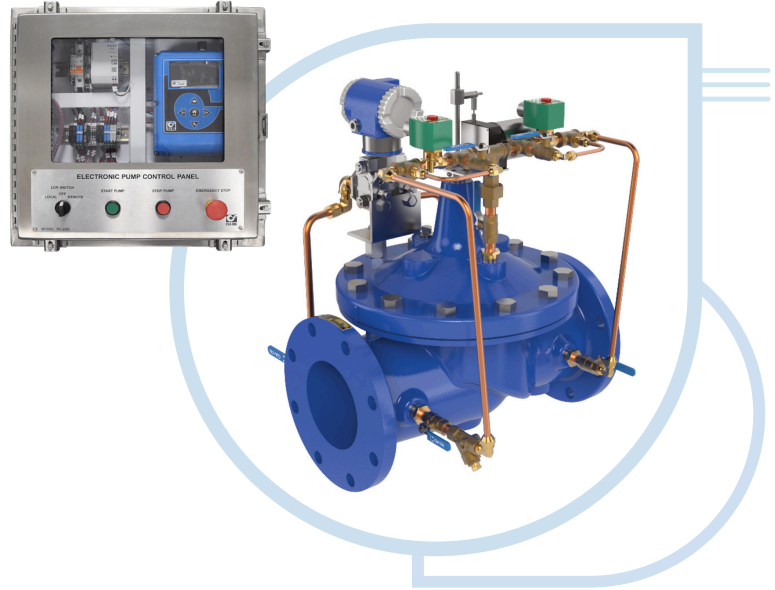


### PRODUCT FEATURES

- Valve can be sized for minimal head loss
- Eliminates surges due to starting and stopping of pumping system
- Electronically control opening and closing speed, time and position
- Programmable control curves for optimum opening and closing rates
- Multi-function capability; hydraulic check feature
- Real time data transmission of pressure, flow and position
- Uses line pressure for operation (no hydraulic cylinders or motor actuators required)
- Manual bypass capability
- Service without removing from line

### MAIN FUNCTION

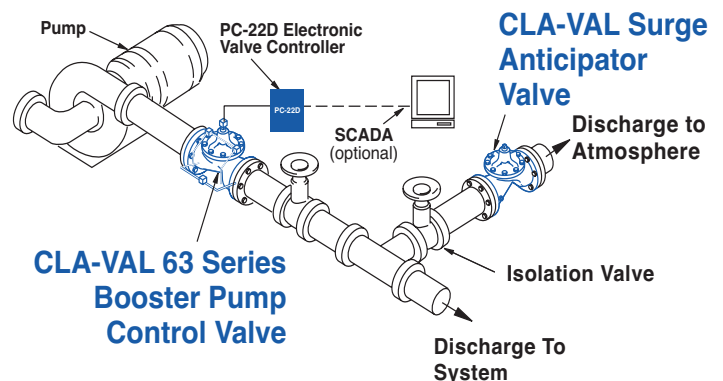
- The CLA-VAL 63 SERIES is an electronic pump control valve designed for installation on the discharge of booster pumps to eliminate pipeline surges caused by the starting and stopping of the pump. The valve is controlled using the CLA-VAL PC-22D Pump Control Panel and has the option to interface with SCADA systems for retransmission of pressure, flow rate, valve position, and valve alarms.
- When the pump is started, the PC-22D Pump Control Panel signals the control valve to slowly open. A programmable control curve can be set to optimize the opening time. The completely self-contained control system accurately meters and controls flow rate. Should a power failure occur, a check feature will close the valve preventing reverse flow regardless of valve position. When the pump is shut-off, the PC-22D Pump Control Panel signals the control valve to slowly close. A programmable control curve, independent of the opening curve, optimizes the closing time.



### SYSTEM SOLUTIONS

- CLA-VAL offers system solutions to prevent cavitation, noise, corrosion, mineral build-up, flow metering, and electronic valve control, to name a few solutions.
- Optional features including but not limited to; solenoid shut-off, check feature, return flow, and remote sensing.
- Contact CLA-VAL for full line of options!

### TYPICAL APPLICATIONS



CLA-VAL Company

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M-63 Series (R-01/2023)