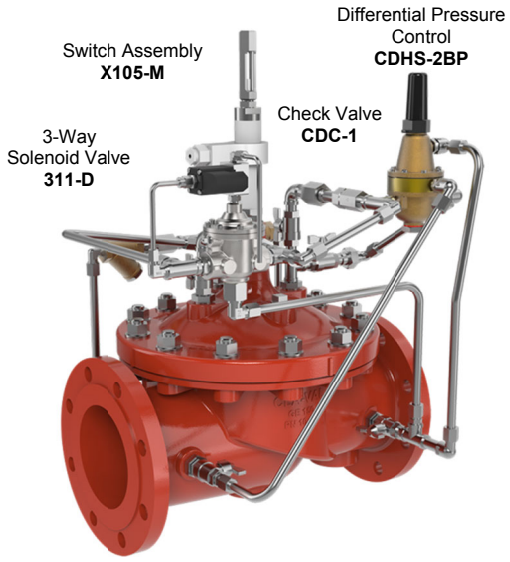
CLA-VAL 60-31/72

Pump Control Valve with Controlled Opening/Closing Speed

Simple, Reliable and Accurate

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



The CLA-VAL SERIES 60 Pump Control Valve is a pilot-operated valve designed for installation on the discharge of pumps to prevent pipeline surges caused by starting and stopping of pumps.

CLA-VAL SERIES 60 Sequence of Operation

Pump off:
When the pump is off the Auxiliary 3-way Valve keeps the valve in a closed position.

Starting sequence:
The pump starts against a closed valve. When the working pump rate is reached the Solenoid Control gradually opens the valve to prevent pump surge.

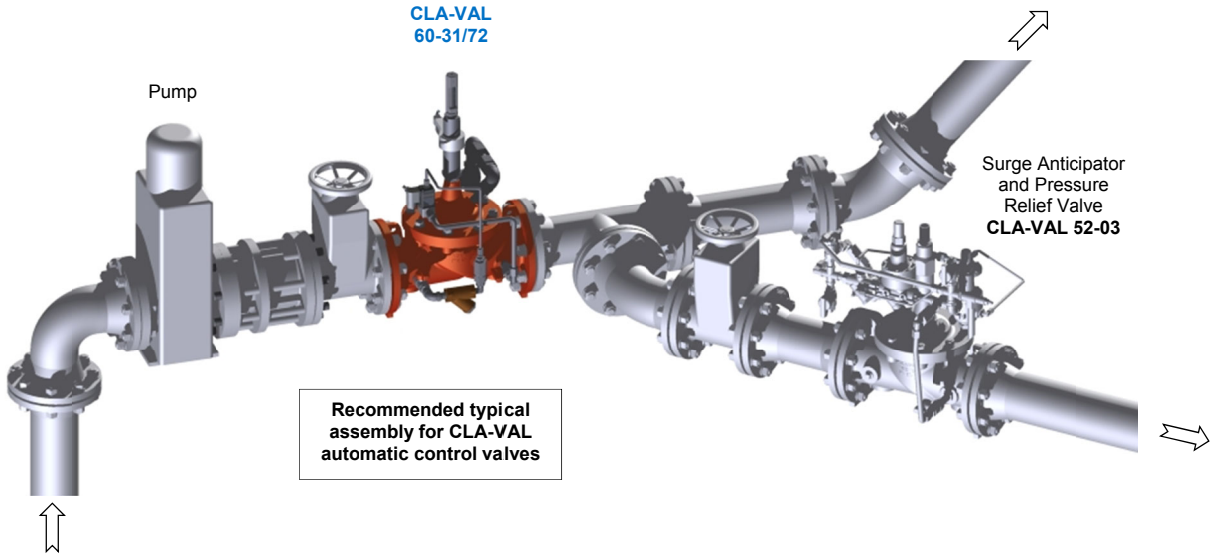
Stopping sequence:
The pump stops when the valve is totally closed. The shut-off signal de-energizes the Solenoid Control to let the valve close gradually. Meanwhile the pump is still working. When the valve is fully closed the Switch Assembly shuts the pump off.

Emergency sequence:
In case of a power failure (P2 > P1), the valve closes fast to protect the pump. The Pressure Relief Valve or Surge Anticipator Valve is usually combined with the pump control valve in order to dissipate surge pressures.

Make your Valve even Better!

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

Not just Products but Solutions: contact CLA-VAL!



Recommended typical assembly for CLA-VAL automatic control valves

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