



Pressure Relief Valve



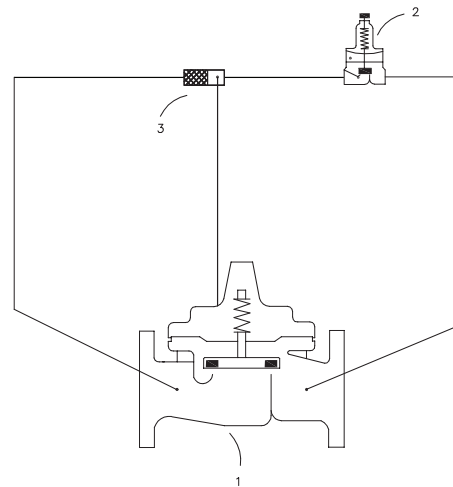
- **Accurate Pressure Control**
- **Fast Opening to Maintain Line Pressure**
- **Slow Closing to Prevents Surges**
- **Completely Automatic Operation**

The Cla-Val Model 50M Pressure Relief Valve is a hydraulically operated, pilot-controlled, modulating valve designed to maintain constant upstream pressure within close limits. This valve can be used for pressure relief, pressure sustaining, back pressure, or unloading functions in a bypass system.

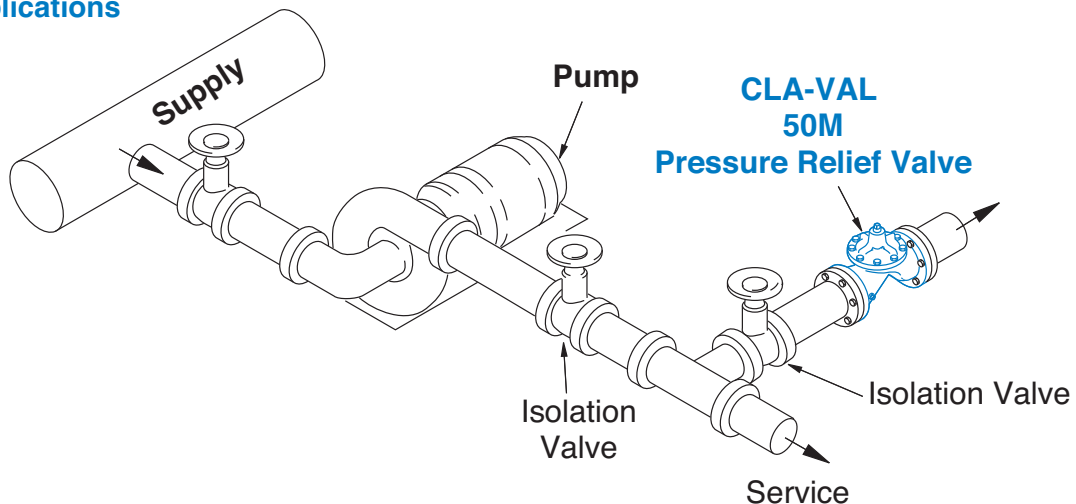
In operation, the valve is actuated by line pressure through a pilot control system, opening fast to maintain steady line pressure but closing gradually to prevent surges. Operation is completely automatic and pressure settings may be easily changed.

Schematic Diagram

Item	Description
1	Hytrol (Main Valve)
2	CRL Pressure Relief Control
3	X44M Orifice Strainer



Typical Applications



Pressure Relief Service

The Model 50M maintains system pressure by relieving excess pressure to a tank or pump suction.