



# 8134-83

## Deluge Solenoid Control Valve Equipped with Manual Bypass and Pressure Reducing Feature



- **Fast Acting Solenoid Control**
- **Reliable Drip Tight Shut-off**
- **Simple Design, Proven Reliable**
- **Easy Installation & Maintenance**

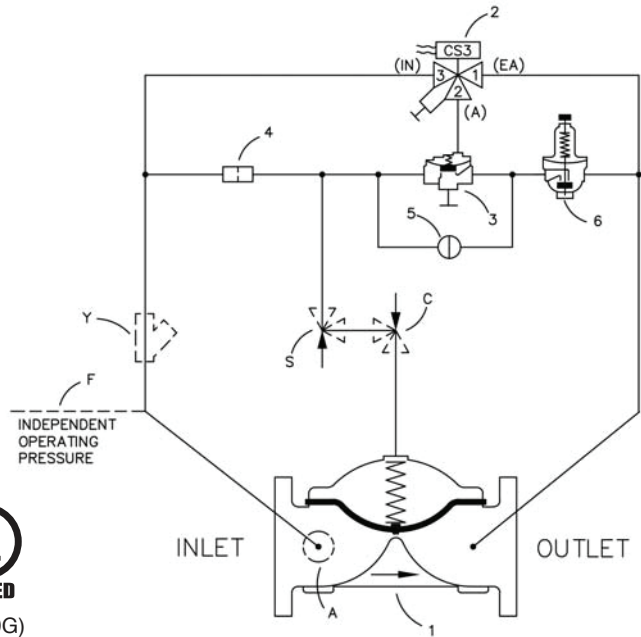
The Cla-Val Pacific Model 8134-83 Solenoid Control Valve is an on-off control valve which either opens or closes upon receiving an electrical signal to the solenoid pilot control. This valve consists of a 100-48 main valve, a three-way solenoid valve and an auxiliary pilot valve. This pilot control system alternately applies pressure to/or relieves pressure from the diaphragm chamber of the main valve. It is furnished either normally open (de-energize solenoid to open) or normally closed (energize solenoid to open).

### Schematic Diagram

Item	Description
1	100-48 Main Valve
2	CS3XM Solenoid Control
3	100-01 Auxiliary Hytrol (Reverse Flow)
4	X58C Restriction Assembly
5	CK2 Cock (Solenoid Bypass)
6	CRD Pressure Reducing Control

### Optional Features

Item	Description
A	X46A Flow Clean Strainer
C	CV Flow Control (Closing) Needle Valve
F	Independent Operating Pressure
S	CV Flow Control (Opening) Needle Valve
Y	X43 Y-Strainer



### Specifications

**SIZES:** Globe: 3" - 8" flanged  
Globe: 2" - 8" grooved

**PRESSURE RATINGS:** 150 class, 250 psi maximum (Ductile Iron)

**TEMPERATURE RANGE:** Water: to 180° F. Max

### MATERIALS

#### Main valve body & cover:

Ductile Iron  
Option in Nickel Aluminium Bronze

#### Pilot control system:

Cast Bronze ASTM B61



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