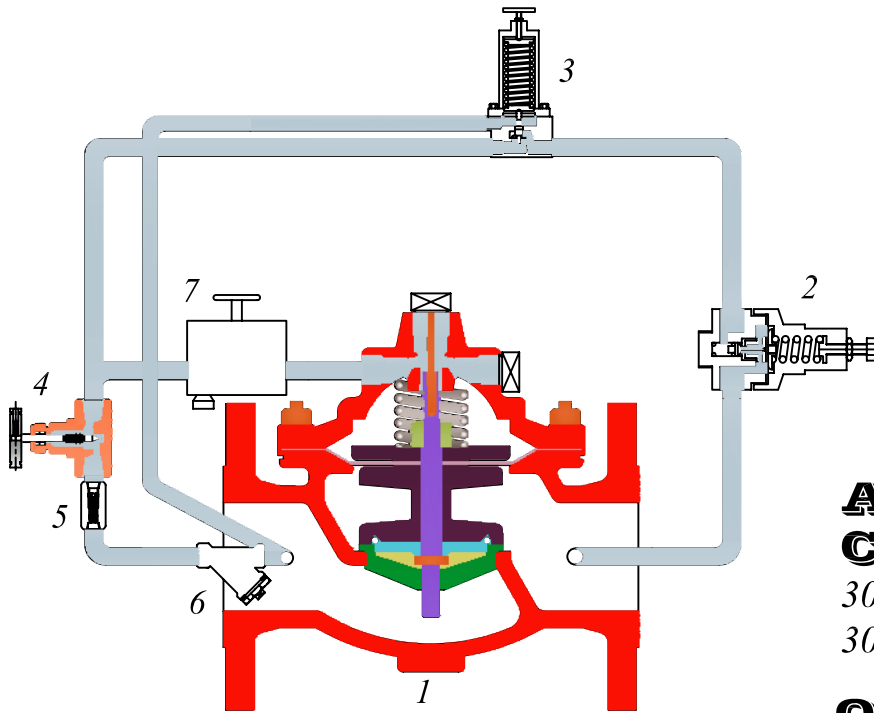


# **PRESSURE REDUCING/SUSTAINING**

## **SERIES NO:- 302**



### **ADJUSTMENT RANGE:**

Standard: 20-175 psig

Optional: 0-30 psig

100-300 psig

(stainless steel control)

### **ADDITIONAL COMBINATION**

302 Reducing/Sustaining/Check

302/01 Reducing/Sustaining/Solenoid

### **QUICK SIZING:**

Valve size one size smaller than line.

### **COMPONENTS**

1. Main Valve
2. Pressure Reducing Control
3. Sustaining Control
4. Adj. Opening Speed (3" and Smaller)
5. Fixed Orifice
6. 'Y' Strainer
7. Accelerator Pilot

### **VALVE FUNCTION**

- Reduce higher inlet pressure to constant lower outlet pressure (adjustable)
- Prevents upstream pressure from dropping below a preset minimum (adjustable)

### **POINTS TO CONSIDER**

- See Engineering Data
  - Pressure Reducing Sizing
  - Check maximum and minimum flow
  - Check pressure drop
  - pressure reducing valves or cavitation chart
  - If valve size required is smaller than line size, consider ACV 302
- Consult NU-TECH ACV representative/factory

### **ACCESSORIES**

- Isolation Cocks
- LOCATED AS INDICATED**
- Y-Strainer
- INCLUDED AS MARKED**
- Limit Switch
  - Flo-Clean Strainer
  - Position Indicator
  - Adjustable Closing Speed

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