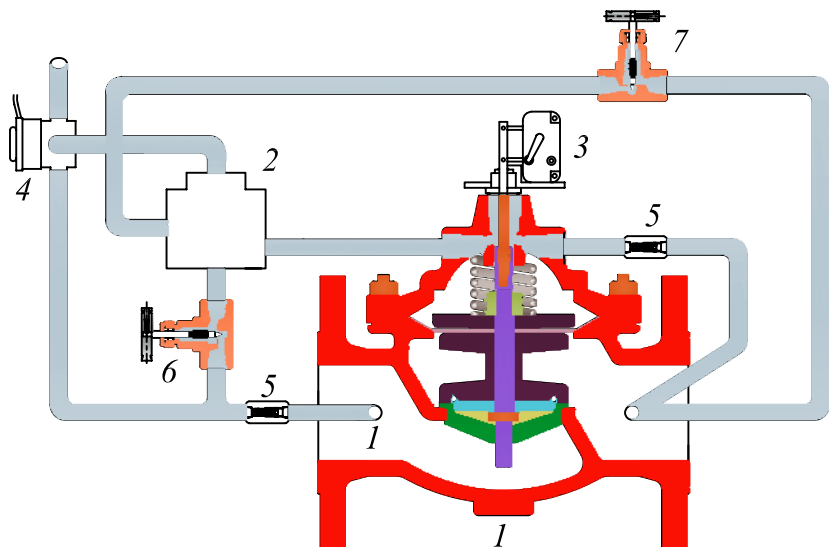


# **SOLONOID ON-OFF VALVE WITH HIGH CAPACITY CONTROLS SERIES NO:- 604**



## **NOTE:**

*Energized to open valve.  
At time of order, advise factory  
actual system working pressure  
for correct solenoid selection.  
110-120 Watts  
Optional: specify voltage required.  
Manual operator standard  
Limit switch enclosure general purpose  
Standard with adjustable opening and  
closing speed.*

## **VALVE FUNCTION**

- Opens at a controlled rate on pump start-up (adjustable)
- Closes at a controlled rate on pump shut-off (adjustable)
- Valve and pump are electrically interlocked so that power is shut-off when the valve is in near closed position
- Check feature closes valve when discharge pressure exceeds inlet pressure (power failure or pump failure)

## **QUICK SIZING:**

*Valve size same as line.*

## **POINTS TO CONSIDER:**

- Refer to Engineering Data - Flow Capacity Chart
  - Pressure drop at required flow
- Refer to Engineering Data - Pressure Drop Chart*

## **COMPONENTS**

1. Main Valve
2. Accelerator Control
3. Figure 51 Limit Switch
4. 3-Way Solenoid
5. Check Valve
6. Adj. Closing Speed
7. Adj. Opening Speed

*Solenoid operated pump control for controlled opening and closing on pump start-up and shut-down. Equipped with hydraulic check feature to close valve on pressure reversal. Valve and pump operations are interlocked by a limit switch assembly.*

## **ACCESSORIES**

**LOCATED AS INDICATED**

- Isolation Cocks
- Y - Strainer

**INCLUDED AS MARKED**

- Flo-Cleaner Strainer

## **Nutech Valves**

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