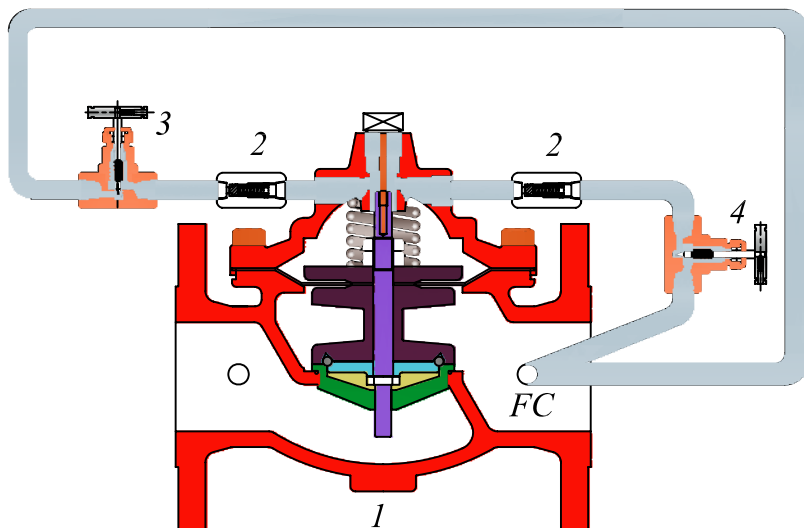


# **SAPERATE OPENING/CLOSING SPEED CONTROLS CHECK VALVE**

## **SERIES NO:- 701**



### **QUICK SIZING:**

*Valve size same as line.*

### **COMPONENTS**

1. Main Valve
2. Check Valve
3. Adj. Closing Speed
4. Adj. Opening Speed

### **VALVE FUNCTION**

- Valve closes at a controlled rate (adjustable) when outlet/downstream pressure exceeds inlet/upstream pressure
- Valve opens at a controlled rate (adjustable) when inlet/upstream pressure exceeds outlet/downstream pressure

*The ACV 701R permits flow when inlet pressure exceeds outlet pressure. Should pressure reversal occur the valve closes drip-tight. Opening and closing speeds are separately adjustable.*

*701R - no speed control*

*701-01R - no closing speed*

*(sizes 1 $\frac{1}{4}$ "-6")*

*701-02R - opening speed (sizes 1 $\frac{1}{4}$ -6)*

*701-03R - separate adjustable opening and closing speed*

*4" & smaller*

*701 R - Separate opening and closing speed (6" & Larger)*

### **POINTS TO CONSIDER: DISTRIBUTION FLOW:**

- Refer to Engineering Data - Flow Capacity Chart
- Pressure drop at required flow.  
*Refer to Engineering Data - Pressure Drop Chart.*
- Check Flow
- If check flow velocity exceeds valve chart, consider adding a relief valve (ACV 701) to your system

### **ACCESSORIES**

*LOCATED AS INDICATED*

*- Isolation Cocks*

*- Position Indicator*

*INCLUDED AS MARKED*

*- Limit Switch*

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