



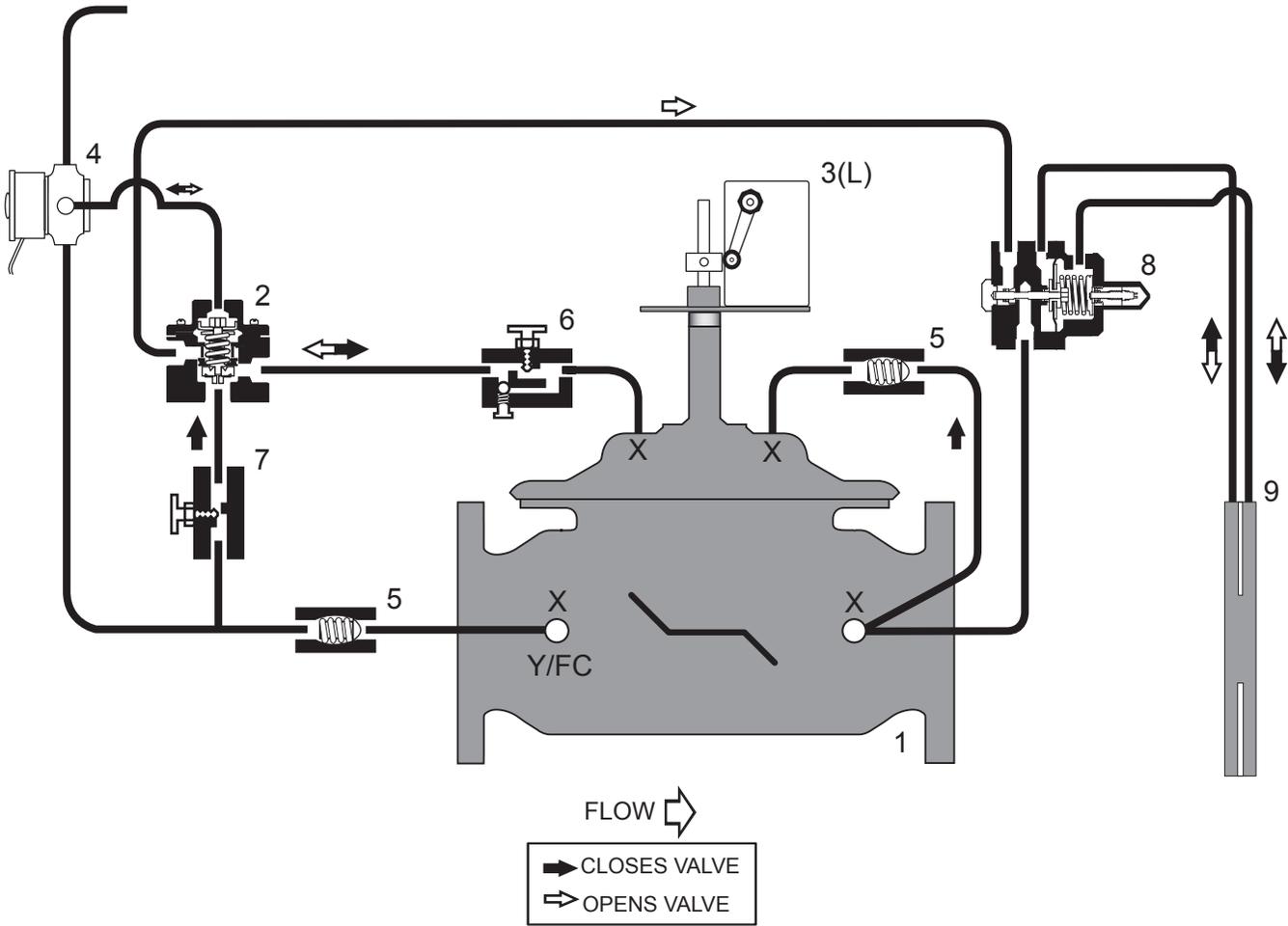
# PUMP CONTROL VALVE with RATE-OF-FLOW FEATURE

03/06

## 980 Series

—Model— **984**  
**684**

- Opens at adjustable rate on pump start-up
- Closes at adjustable rate on pump shut-off
- Limit Switch turns pump off when valve closes
- Throttles to maintain constant Rate-of-Flow
- Orifice Plate Assembly is remote mounted (field installed)
- Hydraulic Check Feature prevents flow reversal
- Solenoid equipped with Manual Operator
- Rate-of-Flow setpoint is adjustable



### STANDARD COMPONENTS

- |                                  |                              |
|----------------------------------|------------------------------|
| 1 - Main Valve (Single Chamber)  | 6 - Adjustable Opening Speed |
| 2 - Model 22 Accelerator Control | 7 - Adjustable Closing Speed |
| 3 - Limit Switch                 | 8 - Rate-of-Flow Control     |
| 4 - 3-Way Solenoid               | 9 - Orifice Plate Assembly   |
| 5 - Check Valve                  | X - Isolation Cocks          |

### OPTIONS and ACCESSORIES

- FC - Flo-Clean Strainer
- L - Dual Limit Switch