



Valve & Equipment Corporation

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Model 740

Booster-Pump Control Valve Active Check Valve



- Isolation of pump start and stop effects from system, for:
 - Solitary single speed pumps
 - Battery of single speed pumps (add & switch)
 - Battery of variable speed pumps (add)

The Model 740 Booster-Pump Control Valve is a hydraulically-operated, diaphragm-actuated, active check valve that opens fully or shuts off in response to electric signals. It isolates the pump from the system during pump starting and stopping, to prevent pipeline surges.

Features and Benefits

- Line-pressure driven
 - Independent operation
 - No motor required
 - Long-term drip-tight sealing
- Solenoid-controlled
 - Low-cost wiring
 - Wide ranges of pressures and voltages
 - Normally Open or Normally Closed
- Check feature (spring-loaded type)
 - Replaces line-sized check valve
 - Fail-safe mechanical closure
- In-line serviceable – easy maintenance
- Double chamber
 - Full-powered opening (option “B”) & closing
 - Non-slam opening & closing characteristic
 - Protected diaphragm
- Balanced seal disk – high flow capacity
- Flexible design – easy addition of hydraulic features