

ESD[®] ACTUATOR APPLICATION DATA SHEET



Flow-Quip Fail-Safe Actuator converts High Performance Butterfly Valve to Pump Check Valve Service

When water hammer, reverse flow or pump backspin can cause expensive damage to pumps and piping systems this type SR rotary actuator can provide precise flow regulation on all types of pumping installations. Motorized opening of the valve can be time adjusted to the exact speed of operation required. When the pump stops a powerful spring closes the valve at an adjustable rate to prevent reverse flow and pump backspin.

For normal open and closing during pump shutdown the Flow-Quip SR unit operates as a conventional motorized valve. When automatic reverse flow protection is required the actuators powerful spring rotates the valve disc closed at the exact preset time to prevent water hammer.

Type: SR - ROTARY

ADS No. 7101

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