

VALVE SOLUTIONS

Clarke Engineering SHUTTER VALVE

The Shutter Valve is a quarter-turn, fully piggable valve that opens full bore and can be specified to sanitary Clean-in-Place capability. It is also designed to conform to the industrial standard ASME B16.34, ANSI, API, and AWWA certification standards. It is able to utilize any connection, such as NPT, Flanged, or Sanitary, to install the Shutter Valve without any alterations to your current system, and it works with either manual or automatic actuators.

At full open, the Shutter Valve has 0% pressure drop (delta-P) and because there is nothing obstructing the flow path when open (like a disc of a butterfly valve) cavitation, water hammer, and overall wear-and-tear are lowered considerably. The flow characteristics are ideal for control valve applications due to the precision aperture control capability while the finely tuned petal designs limit cavitation to nearly undetectable levels.

The Shutter Valve has achieved the highest certification possible, Class 6 bubble tight shut off at 1,000 PSI meaning the Shutter Valve has zero leakage at operating pressure. This is the first time in history that the combination of precision flow control, zero pressure drop and bubble tight shut off has been combined into one valve.



Key Features:

Precise Control, Zero Pressure Drop, Low Torque Requirements, Minimal Turbulence & Reduced Cavitation, Bubble Tight Shutoff

Applications:

Chemical, Pharmaceutical, Water & Wastewater, Power Generation, Food & Beverage, Automotive & Aerospace



AT Controls VALVES & ACTUATORS

A-T Controls designs, develops and manufactures valves, actuators and valve control products for any market or application. Specific products include manual ball valves, automated ball valve packages, manual & automated butterfly valves, actuators & positioners, & electric solenoid valves.

Product Range:

- Manual Ball Valves
- Automated Ball Valve Packages
- Manual & Automated Butterfly Valves
- Actuators
- Electric Solenoid Valves
- Limit Switches
- Valve control accessories



Siemens Process Instrumentation VALVE POSITIONERS

The SIPART PS2 is currently the most widely used positioner for linear and part-turn actuators in an extremely diverse range of process industries – and not without good reason. The proven all-around talent provides comprehensive functions – including intelligent diagnostics – and can optionally communicate using HART 7, PROFIBUS PA 3.02 or Foundation Fieldbus ITK 6.0. The SIPART PS2 is equipped as standard with comprehensive diagnostics functions.

Benefits:

- Multiple housing options
- Intelligent diagnostics functions
- Compact booster option
- Fail in place and fail-safe functions