

INTEGRATING ELECTRIC ACTUATION INTO YOUR AUTOMATION NEEDS



Key Benefits

Environmentally Friendly Solution

All Electric Actuation with no bleed or venting of natural gas to the atmosphere.

Low Power Consumption

Servo-based technology only uses the power required for the move and draws minimal current while holding position.

Adaptability

Solutions for both linear and rotary valves in existing or new installations.

Multiple Control Options

Every actuator can be configured to modulate with an analog signal or run from digital inputs or electric level switches. Actuators can also be configured to run from various field bus commands.

Extend Life of Valve

Configurable valve seating algorithms are included to minimize seating forces and speeds when closing valves.

Fieldbus Connectivity

All actuators include Modbus protocol for connection to PLCs or SCADA systems. Other bus options available upon request.

Flexible Power Options

Every DC actuator accepts voltages from 10-50 VDC, AC Actuators accept both 120 and 240 VAC.

Applications

- Choke Valve
- Pipeline
- Dump Valves
- Fracking Rigs
- Injection
- Bypass Valves
- Plunger Catch
- Pigging Valves
- Drill Rig
- Dampers



Servo Based Electric Actuator

Servo Motor

Enable highly efficient and precise control of actuation with reduced power consumption.

Efficient Drive Mechanism

Patented roller screw technology in linear solutions and integrated planetary gear boxes in rotary solutions offer up to 90% efficient conversion.

Integrated Programmable Controller

Versatile configuration settings for speed, position and force/torque.

Communications

Flexible options include 4-20mA, digital inputs/outputs, Modbus, Ethernet and others.

Diagnostics

Actuator temperature, position, current, bus voltage and fault conditions can be monitored and logged.

Environmental

Solutions are outdoor rated for -40°F to 150°F.



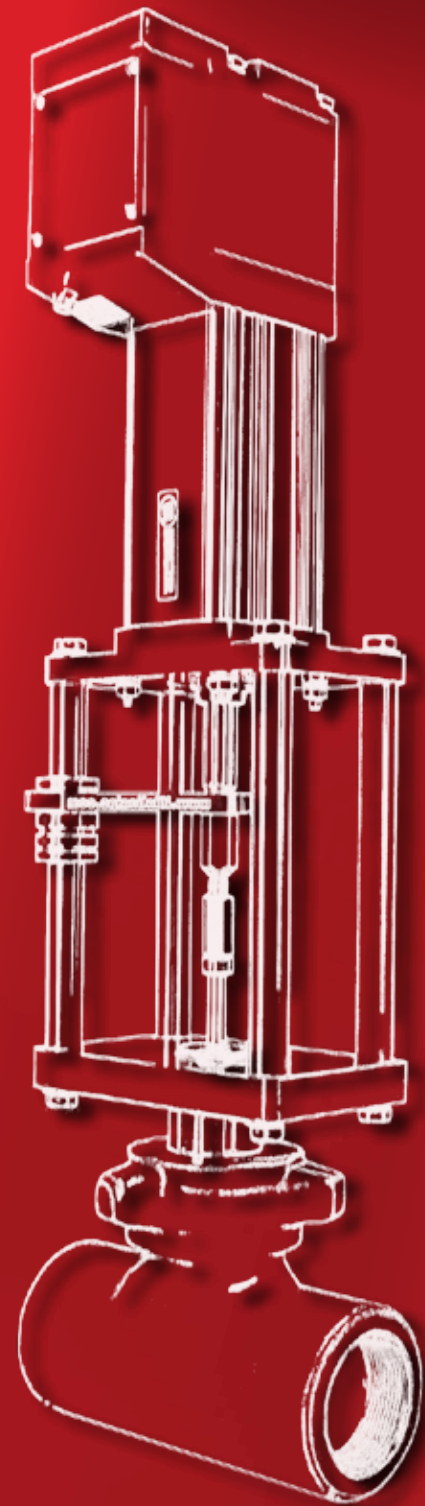
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