



The global leader in customized valve automation

ATI is pleased to offer our customers the proven and patented pipeline technology that the flow control industry knows as Gevalco.



GAS MOTOR ACTUATORS

Gas motor actuators, utilizing unregulated pipeline gas, provide a simple, reliable and economical way of automating valves without gearboxes. Using pipeline gas up to 1500 psig to drive a gas motor coupled to a gear train, these actuators are used to motorize the input shaft of the valve gearbox. Instead of an operator spending 30-45 minutes on a gearbox handwheel, the gas motor actuator can open or close a 36" valve in two minutes or less.

The ATI Gas Motor actuator utilizes high-pressure technology. Fabricated from light-weight aluminum, the gas motor actuator eliminates costly mounting hardware of traditional actuators because it mounts directly to the standard gearbox. With its gear motor design, gas consumption has been reduced by 50%. Proven poppet technology makes our patented control package leak-proof and reliable. Utilizing high -pressure pilot valve control technology, any control strategy such as remove electric, ESD and linebreaks can be integrated with the gas motor controls.



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Advantages

- Allows manual handwheel backup operation of gearbox
- Reliable, durable gear motor reduces gas consumption
- Components are constructed of marine-grade, hard anodized aluminum and stainless steel for maximum corrosion resistance and longer cycle life.
- Operated with unregulated gas up to 1500 psig.
- Lightweight design mounts easily to any standard valve gearbox without costly adapters.
- High pressure pilot valve poppet technology for reliable, leak proof operation.
- Optional limit switches and solenoids.
- Optional shutdown control modules.

Reliability

If gas pressure is not available, the operator can simply open and close the valve with the manual handwheel override – the ultimate failproof operation.

Economics

The ATI Gas Motor actuator can save 25% - 40% of the cost of automating new large pipeline valves and even greater savings on existing valves.