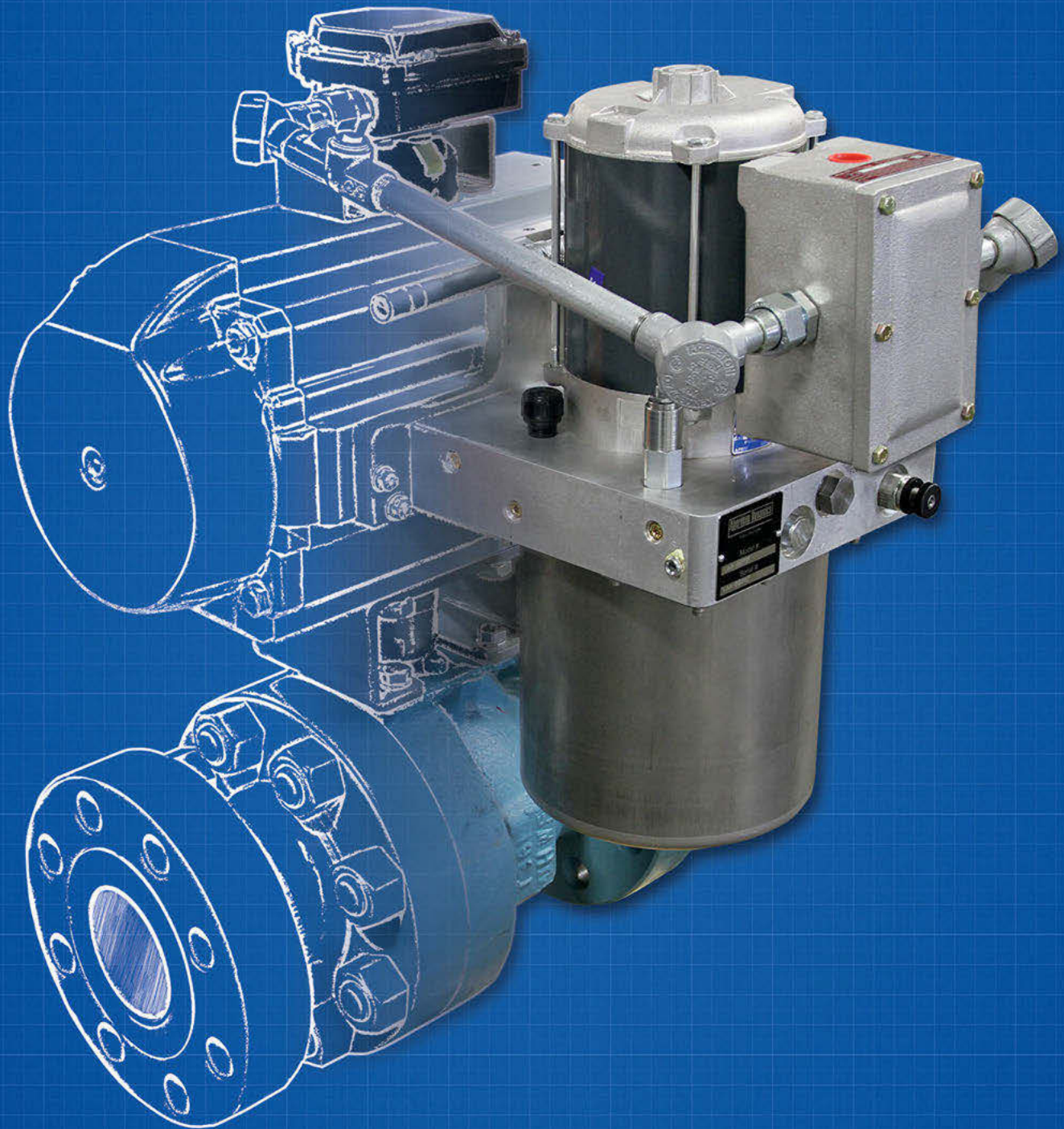


Valve Actuators

linear or rotary · on/off service · modulating service · fail-safe

valve actuators
power units
mobile hydraulic solutions
hoses & fittings
automation control systems
automotive & industrial winches



Valve Actuator Solutions from Aberdeen Dynamics

Custom hydraulic powered rotary and linear actuator systems from Aberdeen are available for all types of valves and other rotary and linear loads. These actuators can be provided with a central hydraulic power unit to operate one or multiple actuators, or as a self-contained electrohydraulic actuator where the hydraulic power supply and the actuator are a single unit.

Overview

Electrohydraulic Actuators from Aberdeen Dynamics are the superior alternative to pneumatic actuators and electric motor-driven actuators. They are capable of operating large loads at speeds much higher than electric actuators, and are smaller than pneumatic actuators. They are not subject to limited run times, power loss, or air line freezing.

Aberdeen Dynamics actuator systems can be constructed to meet NEMA, Cenelec, Atex, and other electrical standards. They are also available with corrosion resistant materials, special paints, and are built to customer specifications. You can count on Aberdeen's engineering, manufacturing, assembly, and quality control expertise to provide rugged and reliable actuator solutions that withstand the most extreme environments.

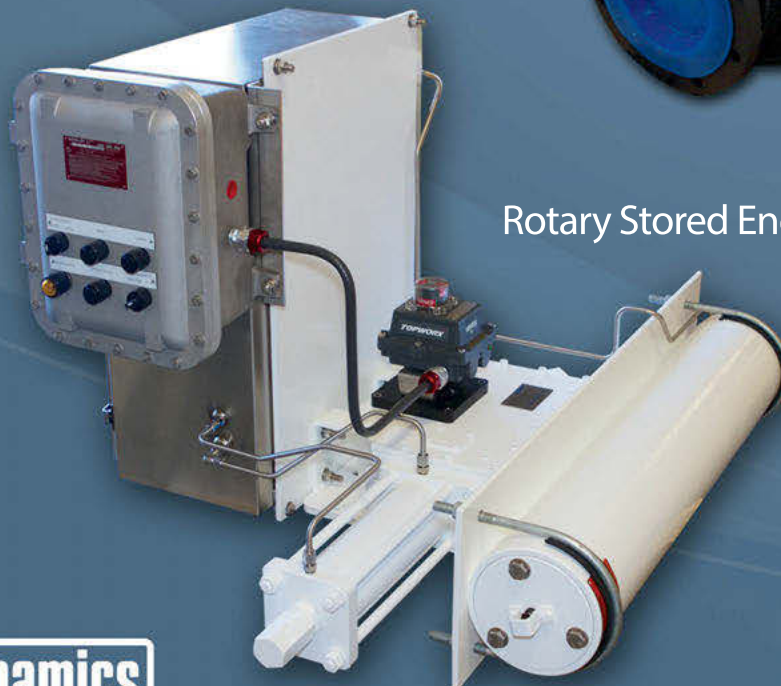
Features and Options:

- Up to 50,000,000 Lb. In. of torque for rotary type
- Up to 942,000 Lb. of force for linear type
- Fail in place, fail open, or fail close
- Remote and local controls
- Line break protection
- Partial stroke test
- Weather-proof or explosion-proof construction
- Adjustable speed controls
- Actuator system alarm options
- Manual override for operation during power loss

Rotary Spring Return Actuators



Rotary Stored Energy Actuators



Aberdeen Dynamics

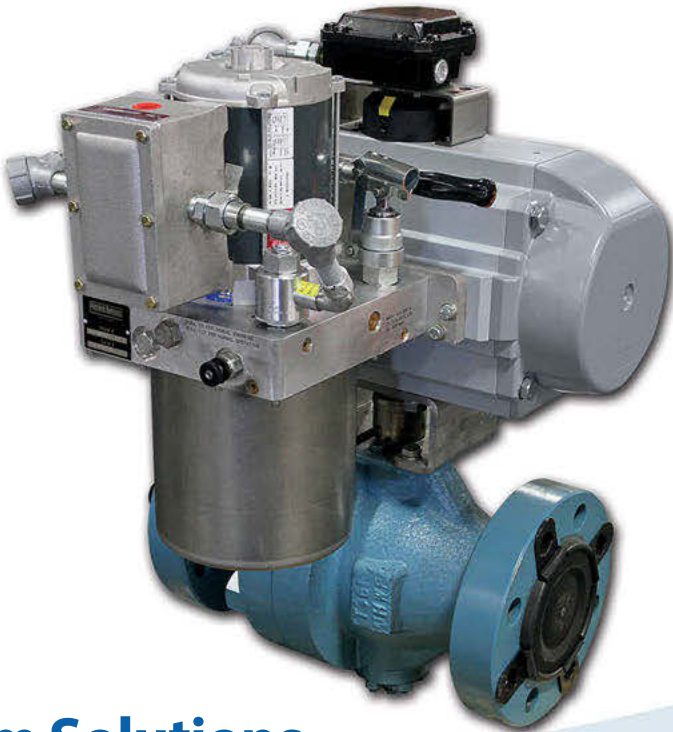
Modulating Actuators



Linear Stored Energy Actuators



Rotary Spring Return Compact Actuators (No External Tubing)



Custom Solutions

At Aberdeen, our engineers and designers have a proven record of engineering the right solution that balances effectiveness, reliability, usability, and value. We take the time to understand your application, and build a custom valve actuator solution that meets your exact requirements and exceeds your expectations. Combining decades of fluid power expertise, industry-leading manufacturing partners, and premier service, Aberdeen Dynamics is the one to turn to for all of your valve actuator system needs.

About Aberdeen

Philosophy

At Aberdeen, our mission is to enhance your competitiveness, today and into the future.

We will accomplish this by providing you with leading edge technology and design assistance, backed by quality products, value pricing, and premier service that will exceed your expectations.

Our goal is to supply you with your correct parts in a timely manner and to help you quickly resolve any application issues that may arise. We achieve this with a large inventory, experienced personnel, and the full support of the manufacturers we represent.

We understand you have many choices and hope you will give us the opportunity to earn your business.

History

At its inception in 1973, Aberdeen Dynamics sought only to provide local technical expertise in the application of fluid power components. Over the years, this has grown to include complete system integration, fabrication, and support for the energy, industrial, power generation, and construction markets.

Today, the original fluid power product lines are complemented with electronic controls, electromechanical components, and a full range of sensors, keeping Aberdeen on the leading edge of this new and exciting motion control technology.

People

Parts, components, systems, and service are only as good as the people providing them. Aberdeen Dynamics is a 100% employee owned company, which means our hearts are in our work. You will be working with friendly professionals who have years of experience in providing solutions to your problems, and a vested interest in your success.

Factory training is ongoing and many of our staff are factory certified in addition to having college degrees in engineering or fluid power. That's the Aberdeen difference: people who have the attitude and the ability to understand your priorities.

Aberdeen Dynamics

Aberdeen Dynamics, Inc.
17717 E. Admiral Place
P.O. Box 582510
Tulsa, OK 74158
918.437.8000
800.727.4955
918.437.8420 Fax
sales@aberdeendynamics.com
www.aberdeendynamics.com



Power Solutions from Aberdeen

Aberdeen Dynamics Hydraulic Power Unit (HPU).

Aberdeen Dynamics offers a complete range of hydraulic power units (HPU's) from small hand pump units up to 1,500 HP units to fit your specific requirements. Our Hydraulic Power Units are used in all kinds of applications and industries including valve actuator automation, drilling rigs, flight simulators and hydraulic winch applications. Contact us today to learn more about our economical, reliable, and rugged power solutions.



Automation Control Systems

Aberdeen Dynamics offers a complete range of automation control systems that are designed to fit your application from multi axis motion control to on/off control. Our systems can support many commercially available communications protocol and are designed to meet numerous electrical classifications.

