Apex Valve Services & Repair

In-House Machining Capabilities
In-house machining capabilities allow Apex Valve to supply custom mounting hardware for all applications. This results in an extremely fast delivery schedule, usually within 1 - 2 days.

- Valve & actuator adaption hardware
- Gear operator adaption
- Stem extensions
- Retrofit or upgrades
- Support & troubleshooting
- On site services
- Emergency repair

Automated Valve Packages
- Quarter-turn pneumatic, hydraulic & electric systems
- Multi-turn electric actuators
- Self-contained hydraulic systems
- Linear valve packages
- Fail-open, fail closed, fail last position
- Fail-safe electric with mechanical spring
- Solar powered ESD systems 24 VDC
- Diaphragm style actuators

Complete AutoCAD Capabilities
We offer technical drawings to our customers of the products we sell & have employees in house that work with our customers to help from the design phase complete through start-up.

Apex Valve Services • Automation

Calgary Sales Office
550, 407 - 2 Street SW
Calgary, AB T2P 2Y3
Ph: 403.268.7333

RED DEER Assembly / Fabrication / Sales
#5, 7499 Edgar Industrial Blvd
Red Deer, AB T4P 3R2
Ph: 403.343.6600

Grande Prairie, AB
780.513.2044
High Level, AB
780.926.1900

slave Lake, AB
780.849.3432
Bonnyville, AB
780.826.4355

Fort St John, BC
250.785.1900
Shubenacadie, NS
709.438.5477

Leduc, AB
780.986.3156
Regina, SK
306.761.5000

Fort St John, BC
250.785.1900
Granite Prairie, AB
780.513.2044

Valve Automation
Product Catalogue

* In an industry with high demands and low tolerances, you need a trusted partner to provide you with recognized quality, dependable products and expert service in the time frame you need.*
Quarter-Turn Scotch-Yoke Pneumatic Actuators

Used in on/off modulating control of ball, plug or butterfly valves.

**FEATURES**
- Available in double acting or spring return fail safe
- High torque outputs available
- Symmetric or cantilevered
- Seals available for high & low temp applications
- Mechanical over-ride available
- Local position indicator
- Open & close travel stops

Valves

**FEATURES**
- Large selection of stockd inventory
- Multiple brands from leading manufacturers
- Small & large bore valves
- Low-temperature capabilities
- Floating or trunion design
- Double block & bleed
- SS trim, ENP trim, carbon steel, full SS
- Lever operated, gear operated, automated
- Raked face or ring epoxied end connections

Valve Monitoring & Position Sensing

Solutions to enable point and pipeline to manage control more intelligently & efficiently under the most demanding conditions
- Valve/well valve controllers
- Valve position sensors
- Valve position monitors
- Aluminum or SS enclosures
- Intrinsically safe

Isolation Valves

Used to isolate a pressure switch from the process for field setting or maintenance of pressure switch set points
- Multiple inlet/outlet connections available
- Two auxiliary ports for pressure indicator & bleed valve
- Low temperature options

Quarter-Turn Scotch-Yoke Hydraulic Actuators

Used in on/off modulating control of ball, plug or butterfly valves.

**FEATURES**
- Available in double acting or spring return fail safe
- High torque outputs available
- Symmetric or cantilevered
- Seals available for high & low temp applications
- Mechanical over-ride available
- Local position indicator
- Open & close travel stops

Gear Boxes

**FEATURES**
- Manual control of ball, plug, gate or butterfly valves
- Available in quarter turn or multi turn
- Worm gear, bevel gears & decoupling gears
- Customizable adaptations to fit most valves
- Water tight housing
- Self locking & high efficiency
- Open or close visual indication

Hydraulic Controllers

**FEATURES**
- Designed to provide reliable shutdown capabilities when an external power source is not available
- Works in conjunction with linear or rotary spring return hydraulic actuators
- Built in pressure relief valves to avoid over-pressures
- Provides a fail safe system
- Internal filters
- Long operating life
- Low temperature design

Pressure Regulator

Used to regulate system pressure in response to upstream & downstream pressure changes
- Self-operating & adjustable setpoints
- Available in many end connection styles & sizes
- Low temperature options available
- Pressure gauge ports
- Multiple spring ranges available

Quarter-Turn Scotch-Yoke Rack & Pinion Actuators

Used in on/off modulating control of ball, plug or butterfly valves.

**FEATURES**
- Available in double acting or spring return fail safe
- Rack & pinion design
- Seals available for high & low temp applications
- Mechanical over-ride available
- Local position indicator
- Open & close travel stops

Hydraulic Actuators

**FEATURES**
- High torque outputs available
- Rack & pinion design
- Seals available for high & low temp applications
- Mechanical over-ride available
- Local position indicator
- Open & close travel stops

Pressure Switches

**FEATURES**
- Designed with a spring loaded piston to activate a pilot valve
- 1/4" & 3/8" NPT input connections available
- Adjustable pressure ranges
- Low temperature options available
- Available in manual & auto reset configurations
- Field adjustable
- Can be used to shut or open an automated valve

Isolation Valves

Used to isolate a pressure switch from the process for field setting or maintenance of pressure switch set points
- Multiple inlet/outlet connections available
- Two auxiliary ports for pressure indicator & bleed valve
- Low temperature options

Pressure Gauges

- Dry or liquid filled
- Available in many face sizes
- Low temperature options available
- Multiple connections available
- Bottom, top or side mounted
- Stainless steel, bronze, steel cases
- Dual scale (PSIG or KPA)

Electric Actuators

For electrically automated control of gate, ball, plug & butterfly valves.

**FEATURES**
- On/off or modulating
- Quarter turn or multi-turn
- Long operating life
- Low temp capabilities
- Some models available in spring return fail safe
- Feedback capabilities
- Explosion proof
- Manual override

Pressure Switches

**FEATURES**
- Designed with a spring loaded piston to activate a pilot valve
- 1/4" & 3/8" NPT input connections available
- Adjustable pressure ranges
- Low temperature options available
- Available in manual & auto reset configurations
- Field adjustable
- Can be used to shut or open an automated valve

Needles Valves

**FEATURES**
- 1/4" - 1/2" connections
- FNPT & MNPT connections
- Carbon steel or stainless steel body
- Heat or soft seat material available
- Straight or angle body patterns

Solenoid Valves

**FEATURES**
- Large selection of 2, 3 & 4 way solenoid valves to handle the most demanding control applications
- Intrinsically safe
- Low power
- Manual reset
- Air operated
- ATEX approved

Solutions to enable plants & pipelines to manage more intelligently & efficiently under the most demanding conditions
- Valve/well valve controllers
- Valve position sensors
- Valve position monitors
- Aluminum or SS enclosures
- Intrinsically safe

Valve Monitoring & Position Sensing

Solutions to enable point and pipeline to manage control more intelligently & efficiently under the most demanding conditions
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