

VALVES AND VALVE AUTOMATION



QUALITY PRODUCTS

With so many high quality products to choose from - speak to one of our Valve Specialists who can assist you in selecting the best product for your application.



IN-HOUSE VALVE AUTOMATION

Our talented team can design and build customized mounting kits for your valve or actuator and our shop is available for Valve Repair and Rebuild Services.



INNOVATIVE SOLUTIONS

Do you have a challenging application? Our Experts have the knowledge and resources to assist you in finding a solution. Call us today.

ASSEMBLY CAPABILITIES

- Valve Automation for ON/OFF or Throttling Service
- Actuation of Valves, Dampers & Louvers
- Pneumatic, Hydraulic & Electric Actuation
- Fieldbus, Intellis, AS-I, HART, Profibus, DeviceNet & other Network Protocols
- Solutions for Manual Gear, Chain wheel, Level & Manual Overrides
- Fabricated Stem Extensions for Submerged, Below Grade or Insulated Valves
- Valve Repair & Rebuild Services
- Custom Mounting Kits for Customer Supplied Valves or Actuators

CONTACT US

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VALVES

BALL VALVES



- Manual & Automated Assemblies
- NPT, Weld End, Flanged, Tri-Clamp
- 2 Way, 3 Way L & T Port, Multiport
- Industrial & Sanitary Ball Valves
- Severe Service Ball Valves
- Soft Seat, Special Seats, Metal Seat
- 1/4" to 12" Floating Ball Valve Options Larger Sizes Available

- Brass-Bronze, Carbon Steel, 316SS, High Alloys, PFA Lined
- Steam, Hot Oils, Chemicals, Cryogenics, High Temp, High Pressure
- V-Port and Segmented Control Valves
- Trunnion Mounted Ball Valve Options
- CRN Listed

BUTTERFLY VALVES



Resilient Seat

- Manual & Automated Assemblies
- 1" to 72"
- Wafer, Lug, Flanged Style
- **Body:** Cast & Ductile Iron, 316SS, Aluminum
- **Discs:** Coated Ductile Iron, 316SS, Alum-Bronze
- **Seats:** EPDM, Buna, Viton, White Buna, FDA Materials, PFA & Others

High Performance (Double & Triple Offset)

- Manual & Automated Assemblies
- 2" to 48"
- Wafer, Lug, Flanged Style
- **Material:** Carbon Steel, 316SS, Other Alloys
- Class 150, 300, 600 ANSI
- **Seats:** Soft, Firesafe, Metal
- CRN Listed

SEVERE SERVICE BALL VALVES



For Demanding Applications

- **Temperature:** -200° C to 788° C
- **Pressure:** 150 to 4500 ANSI
- Soft Seat Design
- Metal Seat Design
- Advanced Stem Packing Design to Eliminate Stem Leakage

- Fugitive Emission Port
- 2 Way and 3 Way Configurations
- V-Port Control with Custom V-Ports to fit any Application
- High Temperature, High Cycle, Cryogenic, Corrosive and Errosive Applications
- Block and Bleed (Single and Double)

VALVES

GATE | GLOBE VALVES



- 800# ANSI Class / Forged Steel and Forged SS
- 200# Cast 316SS, Threaded and Socket Weld
- Flanged End and Butt weld End (various pressure ranges)
- Cast Carbon Steel and 316SS steel material

CHECK VALVES



- Piston Check, Swing Check, Ball Check
- Wafer Check in Single and Double Door Style
- In-line, non slamming silent checks prevent water hammer
- Sanitary style check valves
- Elastic Flex Check valves

KNIFE GATE VALVES



- Industrial Knife Gates, Slide Gates, Dampers
- 2" through 48" (Larger sizes on request)
- Semi Lug and Full Lug, and Double Flanged Styles
- Materials : Cast Iron, 304ss, 316ss, Rubber Sleeved
- Uni-Directional and Bi-Directional
- Round & Square Port
- Through Conduit / High Pressure

PLUG VALVES



- Full Bi-Direction Shutoff
- Quarter Turn - Easy to Automate
- API 598 Zero Leakage Shut Off
- Cavity Free
- Tight Atmospheric Sealing
- Non-Lubricated Design - No Grease Required
- 1/2" - 24" Reduced Port
- Full Round Port - 1/2" - 12"
- 150, 300, 600 Flanged
- Threaded and BW Options

SANITARY VALVES



- Ball Valve to 6", Sanitary Tri-Clamp and Tube Weld
- 2 Way, 3 Way, Cavity Filled and Multiport Designs
- V-Port Control
- Butterfly Valve to 12", Sanitary Tri-Clamp and Tube Weld
- Check Valve to 6"
- FDA, USDA, 3A Requirements

DIAPHRAGM VALVES



- Weir and Straightway Flow Patterns
- 1/2" - 12" Flanged Ends
- 1/2" - 3" NPT or Weld Ends
- Cast Iron, Ductile Iron, Carbon Steel and 316SS.
- A wide range of diaphragm and lining materials including: Soft Natural Rubber, Neoprene, Butyl, Tefzel, PFA, Kynar and others.
- Manual and Automated

VALVE AUTOMATION

ACTUATORS

PNEUMATIC ACTUATORS



- Rack & Pinion 2 Piston Design (Aluminum & Stainless Steel)
- Rack & Pinion Compact 4 Piston Design
- Heavy Duty Scotch Yoke Design
- Double Acting and Spring Return

- On-Off and Modulating Controls
- **Torque @ 80psi Supply:** Rack & Pinion to 80,000 in lbs
Scotch Yoke to 1.6 Million
- Linear Cylinders for Gate Valves and Knife Gate Valves

PNEUMATIC VANE ACTUATORS



- Simple most reliable actuator for 1/4 turn applications
- Double Acting & Spring Return
- Accurate positioning, fast acting, high cycle
- Rated 4 million cycles
- Spring Return Lever & Firesafe Fusible Link for Manual Valves

ELECTRIC ACTUATORS



- Standard, Spring Return, and Battery Fail Safe Actuators
- On-Off and Modulating Control
- Variety of voltages to suit your application
- **Torque Range :** 100 in lbs through 80,000 in lbs
- Enclosures in Nema 4, 4X, 6, IP67 and Nema 7 Explosion Proof, CSA and Atex listing.
- **Temperature to:** -40C (lower on special build)
- High Speed Options, Integral Controls, Damper Drives

VALVE CONTROLS & POSITION MONITORING



- Complete Line of Valve Position Monitors
- Dual Display for Remote Indication + Local Visual Position
- Mechanical Switches, Proximity Switches, Position Transmitters.
- General Purpose, Explosion Proof, and Intrinsically Safe
- Integrated Solenoids for Valve Control.
- Network Communications (ASi, Profibus, Modbus, HART, Devicenet, Fieldbus)
- Self Calibrating & Intelligent Positioners with Remote Mount



- Pneumatic and Electro-Pneumatic Valve Positioners 3-15psi or 4-20ma
- PPA Enclosure with SS hardware - Nema 4x Enclosure with Visual Position Indication
- **Optional:** Limit Switches & 4-20ma Position Transmitter
- General Purpose, Intrinsically Safe, Explosion Proof area classification
- Fail Freeze Option Available
- Smart Positioners with AutoCal

VALVE AUTOMATION

CUSTOMIZED AUTOMATION

LIMIT SWITCHES
POSITION INDICATION +
FEEDBACK



POSITION CONTROL
PNEUMATIC + ELECTRO-PNEUMATIC POSITIONERS



ELECTRIC ACTUATION
ON/OFF + POSITION CONTROL



PNEUMATIC ACTUATION
DOUBLE ACTING + SPRING RETURN



GENERAL ACCESSORIES



**POSITION
SELECTOR
VALVE**



**SPEED
CONTROLS**



**QUICK
EXHAUST
VALVES**



**SOLENOID
NAMUR /
Nipple Mounted
Solenoid Valves**

**CUSTOMIZED
MOUNTING KITS**



**DECLUTCHABLE
MANUAL OVERRIDE**



**BALL VALVES &
V-PORT VALVES**



**BUTTERFLY
VALVES**



**MULTI-PORT
VALVES**



YOUR VALVE?



Capabilities

- Valve Automation for ON/OFF or Control Service
- Actuation of Valves, Dampers & Louvers
- **Pneumatic, Hydraulic & Electric Actuators**
- Fieldbus, Intellis, AS-I, HART, Profibus, DeviceNet & other Network Protocols
- **Solutions for Manual Gear, Chain Wheel, Lever & Manual Overrides**
- Fabricated Stem Extensions for Submerged, Below Grade or Insulated Valves
- Valve Repair & Rebuild Services
- Custom Mounting Kits for Customer Supplied Valves or Actuators

SPECIALTY PRODUCTS

RELIEF VALVES



- Brass, Bronze, Cast Iron, Carbon Steel, Stainless Steel, Specialty Alloys
- Liquid, Air/Gas & Steam Service
- NPT, Flanged
- Non Code and ASME Code Valves

PLASTIC PVC/CPVC VALVES



- Manual & Automated, Ball, Butterfly & Diaphragm Valves
- 2 and 3 Way Design Ball Valve
- NPT/Socket/Flanged.
- Pressure Regulating, Needle Valve, Line Strainers, Solenoid Valves, Rotameters
- A wide range of material options including PVC, CPVC, PolyPro

SOLENOID VALVES



- Quick Acting 2-Way, 3-Way, 4-Way, Multi-Position Valves
- Normally Closed/Open
- Multiple Voltage Options 24VAC/DC, 120V, 12V and More
- Special Area Classification Options
- SS, Brass and Specialty Alloys
- Exp. Proof, ATEX and CSA
- Air, Water, Gas, Fuel, Steam and Cryo Services

INSTRUMENTATION



- Full Line of Industrial & Sanitary Measurement Products
- Thermometers, Pressure & Temperature Gauges
- Diaphragms and Thermowells for Instrument Isolation
- Dry, Glycerine & Silicone Fill Options

VALVE ASSEMBLIES



- Valve Automation for ON/OFF or Throttling Service
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