

PV Line Cards:

- Actuation & Controls
- Commercial Plumbing & HVAC/R
- Corrosive Fluid PVF Solutions
- Industrial PVF
- Instrumentation
- Sanitary Process Division
- Steam, Hot Water, Humidification
- Pipe Shop Capabilities



Actuators

REGIONAL ACTUATION CENTER

- Training Seminars Available

Pneumatic

- Rack & Pinion, Vane, Scotch Yoke
- Double-Acting (DA) or Spring-return (SR)
- Output Torque Up To 36,000 LBS-IN
- 150 PSI Max Air Supply
- Namur ISO Mounted
- Temperature Range: -22°F to 212°F (-30°C to 100°C) with Standard Components, Available Up To 300°F (149°C)



- Direct Mount Available

- **Worcester F39** High Cycle Pneumatic Rack & Pinion Actuator



Pneumatic w/Hydraulic Assist

- Scotch Yoke
- Max Supply Pressure: 1,500 PSI
- Supply Pneumatic Or Hydraulic Fluids Compatible With Materials Of Construction
- Output Torque Up To 115,200 LBS-IN
- Temperature Range From -22°F to 212°F (-30°C to 100°C)



Electric

- Worm Gear
- Output Torque Up To 600,000 LBS-IN
- ISO Mount
- AC And DC Available
- ON/OFF And Modulating
- Direct Mount Available
- Output Torque Up To 885 LBS-FT
- Temperature Range: -50°F to 185°F (-55°C to 85°C)



Worcester 75 Series Electric Actuator

- Quarter-Turn
- Multi-Turn



- Slave Linkage (Tee Assembly)



Controls & Topworks



- Positioners, Position Monitors
- Limit Switches, 2 S.P.D.T, With Beacon
- Proximity Switches, Explosion Proof
- Positioners 3-15 PSI And 4-20 MA
- Namur Mount Solenoids 3-WAY & 4-WAY
- Solenoid Valves, Network Solutions
- All Available In NEMA 4, 7, 9



Ball Valves



- Bronze, Carbon, Stainless Steel
- Exotics and Alloys: Hastelloy C, Monel, Alloy 20
- 2-way and 3-way, Floating, Trunnion, ANSI 150-2500, Full Port (FP), Reduced Port (RP)
- PFA & FEP Lined, 150#



- Direct Mount Actuated Ball Valves
 - 1-PC Unibody
 - 2-PC Stainless Steel, NPT or Flanged
 - 3-PC Carbon or Stainless Steel
- Direct Mount Segmented V Control Valve
- V-ball Valves
- 2-Way, 3-Way, Diverter, L + T Port
- Sanitary, Butt-weld, Tri-clamp, Flanged, Cavity Fillers



- Trunnion & Floating
- PVC/CPVC Ball Valves
- PVC/CPVC Butterfly Valves
- **Worcester Cryogenic** -425°F (-253°C), 3-pc or Flanged, FP or RP, Floating Ball Valves



Plug Valves



- 1" - 8" 150 AND 300 ANSI
- Fully Lined (PPL, PVDF, PFA, GRPFA)
- Double Block And Bleed
- Replaceable Seats

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Butterfly Valves



- **High Performance**
- Soft Seated, Fire-Tested, ANSI 150-300
- 2"-12" In Stock

• **Metal Seated**



- **PTFE Lined**
- 1.5"-24"
- Vacuum-150PSI

• **Resilient Seated**



- Bronze, Ductile Iron Nickel Plated
- SS Disc
- Ductile Iron Bodies
- 1" – 24" *IN STOCK*



Knife Gate Valves



- Knife Gate, 2"-144", ANSI 150
- Heavy Slurry Knife Gate, ANSI 150 2"-24"
- Urethane Lined Knife Gate, ANSI 150 2"-24"
- High Performance Knife Gate, ANSI 150 2"-14"
- Aggressive Process Knife Gate, ANSI 150 2"-14"

EliteValve

Process Filtering/Straining



- **Automatic Scraper Strainers** (AKA Rotary Filters)
- For Screen Opening >.003 Inches Or 75 Microns Up To 6 Inches Or 150mm Particles
- Save Substantial Labor Costs When Compared To Manually-Cleaned Strainers
- **Bag Filter Vessels**



Check Valves

- Spring-Assisted
- Threaded, Wafer, Flanged, Socket-Weld
- Eliminates Water-Hammer



- Wafer Double Disc, 2"-48",
- Wafer Double Flange, 2"-48"
- Wafer Lug Body, 2"-48"
- Wafer Center Guided Silent, 2"-12"
- Globe Center Guided Silent, 2"-24"

- Double Door Spring Loaded Checks
- All Material Types Available



Diaphragm Valves



- Weir & Straight Thru
- Manual And Automated

Century Instrument Company Hills-McCanna®

Damper Drives



- New And Retrofit
- Pneumatic And Electric



A-T Controls **EliteValve**