



FUTURETECH ENGINEERS

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Manufacturer, Exporters & Supplier of
Industrial Valves Automation



Spare Electrical Actuator



| | |
|--------------------|--------------------------------|
| Power Supply | : 230 Volts A/C |
| Rotation | : 0 - 90° |
| Optional | : Modulating 4 - 20 MA |
| | : Input Signal & Output Signal |
| Limit Switch | : 1 No + 1 NC |
| Position Indicator | : Provided |
| Maximum Temp. | : -20°C + 70°C |
| Operating Time | : 20 To 30 Sec |

Screwed end ball valve



| | |
|------------|-------------------------|
| Actuator | : Electrical |
| Size Range | : 1/2" to 6" |
| Ball Valve | : 3 Piece Design |
| MOC | : CF8 / CF8M / WCB |
| | : C.S / PP |
| Ends | : Screwed / Socket Weld |

3 Pc. Ball valve with Electrical Actuator



| | |
|------------|---------------------|
| Actuator | : Electrical |
| Size Range | : 1/2" to 6" |
| Ball Valve | : 3 Piece Design |
| MOC | : CF8 / CF8M / WCB |
| | : C.S / PP |
| Ends | : Screwed / Flanged |
| | : Socket Weld |

3 Way - 4 Way Ball valve with Electrical Actuator



| | |
|------------|---------------------|
| Actuator | : Electrical |
| Size Range | : 1/2" to 4" |
| Ways | : 3 Way / 4 Way |
| MOC | : CF8 / CF8M / WCB |
| | : C.S / PP |
| Ends | : Screwed / Flanged |
| | : Socket Weld |

Butterfly Valve with Electrical Actuator



| | |
|-----------------|------------------------|
| Actuator | : Electrical |
| Size Range | : 1.1/2" to 20" |
| Valve Body | : Cast Iron |
| Disc | : SG Iron / CF8 / CF8M |
| Seals | : Nitrile |
| Pressure Rating | : PN 16 (Max.) |
| Oper.Temp.Range | : 80°C |

Off. Set Disc Butterfly Valve with Electrical Actuator



| | |
|--------------|-------------------------|
| Actuator | : Electrical |
| Size Range | : 1.1/2" to 12" |
| Valve Body | : CF8 / CF8M / WCB |
| Disc | : CF8 / CF8M |
| Seat | : PTFE Replacable / GFT |
| Mounting | : Universal |
| Press.Rating | : ANSI 150# |
| Opr.Temp. | : 180°C / 220°C |

Double Flange Butterfly Valve with Electrical Actuator



| | |
|------------|--------------------------|
| Actuator | : Electrical |
| Size Range | : 3" to 24" |
| Valve Body | : Cast Iron |
| Disc | : CF8 / CF8M |
| Seals | : Nitrile / EPDM / Viton |
| Pressure | : PN 16 (Max.) |
| Temp. | : 80°C |

PTFE (FEP - PFA) Lined Ball Valve with Electrical Actuator



| | |
|------------|--------------------|
| Actuator | : Electrical |
| Size Range | : 1/2" to 8" |
| Valve Body | : CF8 / CF8M / WCB |
| Line | : FEP / PFA |
| Seals | : PTFE / GFT |
| Pressure | : 150# |
| Temp. | : FEP 180°C |
| | : PFA 230°C |

2/2 & 3/2 Way High Thermic Fluid Control Valve



| | |
|------------------|--|
| Operation | : Electrical |
| Type | : Diaphragm Type Thermic Fluid Control Valve |
| Size Range | : 1" to 8" |
| Body & End Piece | : WCB / S.S. |
| Diaphragm | : Nitrile Canvas Moulded |
| Diaphragm Cover | : Sheet, Metal, Pressing |
| Working Press. | : 150# |
| Working Temp. | : Upto 450 C° |
| Seating | : Metal to Metal |
| Media | : Thermic Fluid |

Lug Type Knife Edge Gate Valve



| | |
|---------------|------------------------|
| Operation | : Electrical |
| Size Range | : 2" to 20" |
| Valve Body | : CI / CS / CF8 / CF8M |
| Seals | : AISI SS 304 / 316 |
| Gland Packing | : Metal to Metal / NRV |
| Leakage Class | : Cotton Graphite Rope |
| Ends | : IV to V |

3 Pc. Ball valve with Pneumatic Rotary Actuator



| | |
|------------|------------------------------------|
| Actuator | : Single / Double Acting |
| Size Range | : 1/2" to 12" |
| Ball Valve | : 3 Piece Design |
| MOC | : CF8 / CF8M / WCB C.S / PP |
| Ends | : Screwed / Flanged Socket Weld |

3 Way - 4 Way Ball valve with Pneumatic Rotary Actuator



| | |
|------------|------------------------------------|
| Actuator | : Single / Double Acting |
| Size Range | : 1/2" to 6" |
| Ways | : 3 Way / 4 Way |
| MOC | : CF8 / CF8M / WCB C.S / PP |
| Ends | : Screwed / Flanged Socket Weld |

Butterfly Valve with Pneumatic Rotary Actuator



| | |
|------------|--------------------------|
| Actuator | : Single / Double Acting |
| Size Range | : 1.1/2" to 20" |
| Valve Body | : Cast Iron / Brass |
| Disc | : SG Iron / CF8 / CF8M |
| Seals | : Nitrile / EPDM / Viton |

| | |
|-----------------|----------------|
| Pressure Rating | : PN 16 (Max.) |
| Oper.Temp.Range | : 80°C / 120°C |

Off. Set Disc Butterfly Valve with Pneumatic Rotary Actuator



| | |
|--------------|--------------------------|
| Actuator | : Single / Double Acting |
| Size Range | : 1.1/2" to 12" |
| Valve Body | : CF8 / CF8M / WCB |
| Disc | : CF8 / CF8M |
| Seat | : PTFE Replacable / GFT |
| Mounting | : Universal |
| Press.Rating | : ANSI 150# |
| Opr.Temp. | : 180°C / 220°C |

Aluminium Butterfly Valve with Pneumatic Rotary Actuator



| | |
|------------|--------------------------|
| Actuator | : Single / Double Acting |
| Size Range | : 2" to 6" |
| Valve Body | : Aluminium |
| Disc | : CF8 / CF8M |
| Seals | : EPDM Replaceable |

| | |
|-------------|-----------------|
| Pressure | : 10 Bar |
| Temperature | : 100°C / 120°C |

FEP Lined Butterfly Valve with Pneumatic Rotary Actuator



| | |
|------------|--------------------------|
| Actuator | : Single / Double Acting |
| Size Range | : 1.1/2" to 14" |
| Valve Body | : SG Iron / CF8 / CF8M |
| Disc | : CF8 / CF8M |
| Seals | : FEP |

| | |
|-----------------|------------------------|
| Pressure Rating | : 7 kg/cm ² |
| Temperature | : FEP Upto 180°C |

1/2 Way Pneumatic Angle Type ON/OFF Control Valve



| | |
|----------------|---|
| Type | : Normally Close / Open |
| Size Range | : 1/2" to 3" |
| Body | : CF8 / CF8M |
| Pneu. Press. | : 3.5 to 7 Bar |
| Working Press. | : Upto 16 Bar |
| Working Temp. | : 180 °C |
| Ends | : Screwed / Flanged |
| Media | : Air, Water, Oil, Gas Steam & Chemicals |

3/2 Way Pneumatic 42 kg Control Valve (Mixing & Diverting Valve)



| | |
|----------------|---|
| Type | : Normally Close / Open |
| Size Range | : 1/2" to 2" |
| Body | : CF8 / CF8M |
| Pneu. Press. | : 3.5 to 7 Bar |
| Working Press. | : Upto 42 Bar |
| Working Temp. | : 180 °C |
| Ends | : Screwed / Flanged |
| Media | : Air, Water, Oil, Gas Steam & Chemicals |

2/2 & 3/2 Way High Thermic Fluid Control Valve



| | |
|------------------|---|
| Operation Type | : Diaphragm Type / Cylinder Diaphragm Type Thermic Fluid Control Valve |
| Size Range | : 1" to 8" |
| Body & End Piece | : WCB / S.S. |
| Diaphragm | : Nitrile Canvas Moulded |
| Diaphragm Cover | : Sheet, Metal, Pressing |
| Working Press. | : 150# |
| Working Temp. | : Upto 450 C° |
| Seating | : Metal to Metal |
| Media | : Thermic Fluid |

Lug Type Knife Edge Gate Valve



| | |
|---------------|------------------------|
| Operation | : Pneumatic / Manual |
| Size Range | : 2" to 20" |
| Valve Body | : CI / CS / CF8 / CF8M |
| Seals | : AISI SS 304 / 316 |
| Gland Packing | : Metal to Metal / NRV |
| Leakage Class | : Cotton Graphite Rope |
| Ends | : IV to V |

Diaphragm Type Solenoid Valve



| | |
|-----------------|--|
| Actuator | : Diaphragm type internal pilot operated |
| Type | : Normally Close / Open |
| Size Range | : ½" to 2" |
| Body | : CF8 |
| Diaphragm | : Nitrile |
| Pressure | : 0.5 to 10 Bar |
| Temperature | : Upto 85 °C |
| Ends | : Screwed / Flanged |
| Media | : Air, Water, Oil, Gas, Vacuum |
| Available Volt. | : All std. voltage available |

Low Pressure Diaphragm Type Solenoid Valve



| | |
|-----------------|---|
| Type | : Normally Close / Open |
| Size Range | : ½" to 2" |
| Body | : CF8 |
| Seals | : Nitrile |
| Pressure | : 0 to 5 Bar |
| Temperature | : Upto 85°C |
| Ends | : Screwed / Flanged |
| Media | : Hot Water, Air, Water, Oil, Gas, Vacuum |
| Available Volt. | : All std. voltage available |

2/2 Way Brass Solenoid Valve



| | |
|----------------|------------------------------|
| Body | : Forged Brass |
| Pressure | : 0.5 to 10 Bar |
| Temperature | : -10 to 90°C |
| Diaphragm | : Nitrile, Viton, EPDM |
| Media | : Air, Water, Oil, Gas |
| Opet. Voltage | : All std. voltage available |
| End Connection | : Screwed |

Pilot Operated Solenoid Valve for Steam



| | |
|-----------------|------------------------------|
| Type | : Normally Close / Open |
| Size Range | : ½" to 2½" |
| Body | : CF8 |
| Seals | : Teflon |
| Pressure | : 1 to 12 Bar |
| Temperature | : Upto 170 °C |
| Ends | : Screwed / Flanged |
| Media | : Steam |
| Available Volt. | : All std. voltage available |

Pulse Jet Solenoid Valve (Dust Collector)



| | |
|-----------------|---|
| Size Range | : 1" to 1½" |
| Body | : Aluminium Die Cast |
| Diaphragm | : Canvas / Nitrile / PU |
| Press. | : 0.6 to 10 Bar |
| Temp. | : 80 °C / 125 °C / (Upto 125 °C on request) |
| Available Volt. | : All std. voltage available |

Pressure Reducing Valve (PRV)



| | |
|------------------------|---|
| Size | : 1/2" to 2" |
| Ends | : Screwed / Flanged |
| Body | : S.S. 304 / S.S. 316 |
| Press. Adjusting Range | : 1 ~ 6 Kg/cm ² 4 ~ 10 Kg/cm ² 20 ~ 35 Kg/cm ² |
| Max. Inlet Press. | : 18 Kg/cm ² , 40 Kg/cm ² |
| Media | : Water, Air, Gas, Oil & Steam |
| Temperature | : -15 °C ~ 85 °C, 220 °C |

Non Return Valve (NRV)



| | |
|----------|------------------------|
| Body | : CF8 / CF8M |
| Size | : ½" to 2" |
| Pressure | : Upto 3000psi |
| Temp. | : 125°C |
| Media | : Air, Gas, Water, Oil |
| Seat | : Nitrile / Viton |

Disc Check Valve Non Slam



| | |
|-------------------|-------------------------|
| Size Range | : 1/2" to 8" |
| Body | : CF8 / CF8M |
| Disc | : S.S. 304 / S.S. 316 |
| Disc Seat | : Metal to Metal / PTFE |
| Spring | : Standard |
| Max. Oper. Press. | : PN - 40 |
| Max. Oper. Temp. | : Upto 300°C |

Accessories



Electro Pneumatic Positioner

Limit Switch - Linear

Limit Switch - Rotary

3/2 Namur Solenoid Valve

5/2 Namur Solenoid Valve

Double Coil Solenoid Valve

Solenoid Valve Mod Valve

FR+L

Lubricator

Manual Override

Butterfly Valve



| | |
|-----------------|--------------------------|
| Operation | : Lever / Gear |
| Size Range | : 1.1/2" to 20" |
| Valve Body | : Cast Iron |
| Disc | : SG Iron / CF8 / CF8M |
| Seals | : Nitrile / EPDM / Viton |
| Pressure Rating | : PN 10 / PN 16 |
| Oper.Temp.Range | : 80°C / 120°C |

Off. Set Disc Butterfly Valve



| | |
|--------------|-------------------------|
| Operation | : Lever / Gear |
| Size Range | : 1.1/2" to 12" |
| Valve Body | : CF8 / CF8M / WCB |
| Disc | : CF8 / CF8M |
| Seat | : PTFE Replacable / GFT |
| Mounting | : Universal |
| Press.Rating | : ANSI 150# |
| Opr.Temp. | : 180°C / 220°C |

Plug Valve Flanged End



| | |
|--------------|-------------------------|
| Body | : WCB / CF8 / CF8M |
| Plug | : WCB / CF8 / CF8M |
| Class | : 150# |
| Body Press. | : 30 Kg/cm ² |
| Seat Press. | : 22 Kg/cm ² |
| Pneu. Press. | : 7 Kg/cm ² |

Triple Off - Set Design Butterfly Valve



| | |
|--------------|---|
| Body | : CI / CS / SG Iron / CF8 / CF8M |
| Bottom Cover | : CI / CS / SG Iron / CF8 / CF8M |
| Disc | : PTFE / Nitrile / EPDM / Viton |
| Seat Ring | : SS 304 / SS 316 |
| Class | : PN 10 / PN 16 |
| Body Press. | : 15 Kg/cm ² / 22 Kg/cm ² |
| Seat Press. | : 10 Kg/cm ² / 16 Kg/cm ² |

Safety Valve



| | |
|-------------|---|
| Body | : WCB / CF8 / CF8M / CI |
| Bonnet | : WCB / CF8 / CF8M / CI |
| Cap | : WCB / CF8 / CF8M / CI |
| Body Press. | : 1 Kg/cm ² to 21 Kg/cm ² |
| Seat Press. | : Hydrostatic Test Twice the Seat pressure |
| Temperature | : 425°C |

Pressure Reducing Valve



| | |
|-------------------|-------------------------------------|
| Body | : CI / WCB / CF8 / CF8M |
| Seat Ring | : 13% Cr. SS Facing (SS 304) |
| Main Valve Disc | : SS 304 / SS 316 |
| Max. Inlet Press. | : 17.5 Kg/cm ² @ 427°C |
| Reduce Press. | : 17% of the inlet press. to 5 PSIG |
| Hydro Press. | : 35 Kg/cm ² |

Sluice Valve / Reflux Valve / Air Valve



'Y' Type Flush Bottom Valve



| | |
|--------------|-------------------------|
| Body | : WCB / CF8 / CF8M |
| Yoke | : WCB / CF8 / CF8M |
| Stem | : SS 304 / SS 316 |
| Class | : 150# |
| Body Press. | : 31 Kg/cm ² |
| Seat Press. | : 22 Kg/cm ² |
| Pneu. Press. | : 7 Kg/cm ² |

Stainless Steel Flanges & Fittings



Fittings

MS / SS Fittings - SCH 40 / 80 STD
Elbow / Tee / Con Reducer / End Cap



Ball valve



| | |
|------------|------------------------------------|
| MOC | : CF8 / CF8M / WCB C.S / PP |
| Ball | : CF8 / CF8M / CF3M |
| Mfg. Std. | : BS 5351 |
| Size Range | : 1/2" to 12" |
| Ball Valve | : 2 & 3 Piece Design |
| Class | : 150#, 300#, 600# |
| Ends | : Screwed / Flanged Socket Weld |

Forged Steel Ball Valve



| | |
|------------|---|
| MOC | : CF8 / CF8M / ASTM 105, F304 / F316 |
| Ball | : CF8 / CF8M / CF3M |
| Mfg. Std. | : BS 5351 |
| Size Range | : 1/2" to 2" |
| Ball Valve | : 3 Piece Design |
| Class | : 800# |
| Ends | : Screwed / Flanged Socket Weld |

Gate Valve



| Range | Size | Class |
|-------------------|---------------|---------------|
| Bolted Bonnet GTV | 15NB to 900NB | 150# to 600# |
| Forged Steel GTV | 6NB to 50NB | 800# to 2500# |
| Pressure Seal GTV | 50NB to 600NB | 900# to 2500# |

Globe Valve



| Range | Size | Class |
|-------------------|---------------|---------------|
| Bolted Bonnet GLV | 15NB to 400NB | 150# to 600# |
| Forged Steel GLV | 6NB to 50NB | 800# to 2500# |
| Pressure Seal GLV | 50NB to 200NB | 900# to 2500# |

Non Return Valve



| Range | Size | Class |
|-------------------|---------------|---------------|
| Bolted Bonnet SCV | 15NB to 900NB | 150# to 600# |
| Forged Steel SCV | 6NB to 50NB | 800# to 2500# |
| Pressure Seal SCV | 50NB to 600NB | 900# to 2500# |

Wafer Check Valve



| Range | Size | Class |
|------------------|----------------|---------------|
| Bolted Bonnet CV | 40NB to 1000NB | 150# to 600# |
| Forged Steel CV | 15NB to 300NB | 800# to 2500# |
| Pressure Seal CV | 50NB to 600NB | 900# to 2500# |

Diaphragm Valve



| | |
|----------------|-----------------|
| Product Range | Diaphragm Valve |
| Size | 15 NB to 300 NB |
| Pressure Class | PN 10 to PN 16 |

Strainer

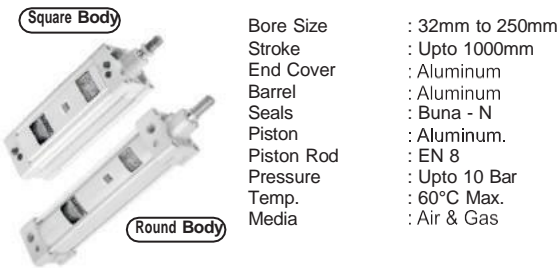


| Range | Size | Class |
|-------------|----------------|---------------|
| Y Type | 15NB to 600NB | 150# to 2500# |
| Basket Type | 50NB to 1000NB | 150# |

PTFE Lined Valves



Aluminum Pneumatic Cylinder Single / Double Acting



Bore Size : 32mm to 250mm
 Stroke : Upto 1000mm
 End Cover : Aluminum
 Barrel : Aluminum
 Seals : Buna - N
 Piston : Aluminum.
 Piston Rod : EN 8
 Pressure : Upto 10 Bar
 Temp. : 60°C Max.
 Media : Air & Gas

Heavy Duty Pneumatic Cylinder Single / Double Acting



Bore Size : 40mm to 450mm
 Stroke : Upto 3000mm
 End Cover : C.I.
 Barrel : S.Steel
 Seals : Buna - N
 Piston : C.I. / M.S.
 Piston Rod : EN 8 / 25 micron
 Pressure : Upto 12 Bar
 Temp. : 85 °C Max.
 Media : Air & Gas

Compact & Round Body Pneumatic Cylinder



End Cover : Aluminum
 : LM-2 / ALSI-132 Aluminum
 Piston : Aluminum
 : LM-2 / ALSI-132 Aluminum
 Piston Rod : BS-970-90, EN-8
 V-Seal : PU / Nitrile Buna-N Gr. 80

Filtration



Size : 1/4" / 1/2"
 Body : Aluminum Press.
 Die Cast
 Bowl : Polycarbonate with
 Metal Guard
 Element : 25 Micron
 Oper. Press : Upto 10 Kg/cm²

Roto Seal Coupling (Right / Left Handed Thread)



Size : 1/4" to 2" BSP
 Body : S.Steel / WCB
 Shaft : S.Steel
 Pressure : 10 Kg/cm²
 Media : Air, Water, Oil & Gas

Auto Drain Valve



Valve Body : IC SS 304
 Off Time : 0.5 to 45 Minutes
 On Time : 0.5 to 10 Second
 Voltage : 230 V AC

5/2 - 3/2 Way Single - Double Coil Solenoid Valve



Design : Spool Type,
 Internal Pilot Operated
 Pressure : 1 to 10 Kg/cm²
 Temperature : 5 to 55°C
 Leakage : Bubble Tight
 Coil Voltage : 12V, 230V, 24V 110V

Moisture Separator



Body : M S
 Cartridge : S.S. 316
 Working Press. : Upto 16 Bar
 Testing Press. : 24 Bar
 Ends : Screwed / Flanged
 Installation : Advisable at end use
 before FRL

Pneumatic Fittings



PU Pipe & Pneumatic Fittings

Gauge



Pressure Gauge - Commercial Gauge /
 Total SS Gauge / Diaphragm Seal Gauge /
 Temperature Gauge Dial size 1 1/2" to 10"

Miscellaneous

Hydraulic Hoses & Fittings



High Pressure Ball Valve



Instrumentation Fittings



Instrumentation Valve



Pharma Industry Valves



Pressure Switches



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