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# PRECISION FLOW CONTROL SOLUTIONS

QUALITY • RELIABILITY • PERFORMANCE



**PNEUMATIC  
VALVES**



**ELECTRIC  
ACTUATED VALVES**



**MANUAL  
VALVES**



**KNIFE GATE  
VALVES**



**GLOBE  
VALVES**



**SOLENOID  
VALVES**



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**MADE IN INDIA**  
Delivering Trust Worldwide

**PNEUMATIC ACTUATOR OPERATED BUTTERFLY VALVE**


<b>Actuator</b>	: Single / Double Acting
<b>Size Range</b>	: 1.1/2" to 20"
<b>Valve Body</b>	: Cast Iron / Cast Steel / CF8 / CF8M
<b>Disc</b>	: SG Iron / CF8 / CF8M
<b>Seals</b>	: Nitrile / EPDM / Viton
<b>Pressure Rating</b>	: PN 16 (Max.)
<b>Oper. Temp. Range</b>	: -80°C / 120°C

**PNEUMATIC ACTUATOR OPERATED OFF SET DISC BUTTERFLY VALVE**


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

**PNEUMATIC ACTUATOR OPERATED ALUMINIUM BUTTERFLY VALVE**


<b>Actuator</b>	: Single / Double Acting
<b>Size Range</b>	: 2" to 6"
<b>Valve Body</b>	: Aluminium
<b>Disc</b>	: CF8/CF8M
<b>Seals</b>	: EPDM Replaceable
<b>Pressure</b>	: 10 Bar
<b>Temperature</b>	: 100°C 120°C

**PNEUMATIC ACTUATOR OPERATED FEPLINED BUTTERFLY VALVE**


<b>Actuator</b>	: Single / Double Acting
<b>Size Range</b>	: 1.1/2" to 14"
<b>Valve Body</b>	: SG Iron / CF8/CF8M
<b>Disc</b>	: CF8 / CF8M
<b>Seals</b>	: FEP / CF8M
<b>Pressure Rating</b>	: 7 kg/cm2
<b>Temperature</b>	: FEP Upto 180°C

**PNEUMATIC ACTUATOR OPERATED 3 PC & 2PC BALL VALVE**


<b>Actuator</b>	: Single / Double Acting
<b>Size Range</b>	: 1/2" to 12"
<b>Ball Valve</b>	: 3 & 2 Piece Design
<b>MOC</b>	: CF8/ CF8M / WCB
<b>Ends</b>	: Screwed / Flanged / Socket Weld

**PNEUMATIC ACTUATOR OPERATED 3 WAY - 4 WAY BALL VALVE**


<b>Actuator</b>	: Single / Double Acting
<b>Size Range</b>	: 1.1/2" to 6"
<b>Ways</b>	: 3 Way / 4 Way
<b>MOC</b>	: CF8/CF8M/WCB/PP
<b>Ends</b>	: Screwed / Flanged Socket Weld

**2/2 WAY PNEUMATIC ANGLE TYPE ON/OFF CONTROL VALVE**


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

**3/2 WAY PNEUMATIC 42 KG CONTROL VALVE (MIXING & DIVERTING VALVE)**


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

**2/2 & 3/2 WAY HIGH THERMIC FLUID CONTROL VALVE**


<b>Operation</b>	: Diaphragm Type / Cylinder
<b>Type</b>	: Diaphragm Type Thermic Fluid Control Valve
<b>Size Range</b>	: 1" to 8"
<b>Body &amp; End Piece</b>	: WCB/SS.
<b>Diaphragm</b>	: Nitrile Canvas Moulded
<b>Diaphragm Cover</b>	: Sheet, Metal, Pressing
<b>Working Press.</b>	: 150#
<b>Working Temp</b>	: Upto 450 °C
	: Metal to Metal

**LUG TYPE KNIFE EDGE GATE VALVE**


<b>Operation</b>	: Pneumatic / Manual
<b>Size Range</b>	: 2" to 20"
<b>Valve Body</b>	: CI / CS / CF8 / CF8M
<b>Seals</b>	: AISI SS 304/316
<b>Gland Packing</b>	: Metal to Metal
<b>Leakage Class</b>	: Cotton Graphite Rope
<b>Ends</b>	: IV to V
	: Lug Type & Square Type




**PNEUMATIC ACTUATOR OPERATED PHARMA BUTTERFLY VALVES**


**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.** : 140 °C  
**Ends** : Wafer Type & TC end Type

**PNEUMATIC ACTUATOR OPERATED CEMENT BUTTERFLY VALVE**


**Type** : Normally Close / Open  
**Size Range** : 1/2" to 2"  
**Body** : CF8/CF8M  
**Pneu. Press.** : 3.5 to 7 Bar  
**Working Press.** : Upto 10 Bar  
**Working Temp.** : 120 °C  
**Ends** : Screwed / Flanged Media, Air, Water, Oil, Gas Steam & Chemicals

**PNEUMATIC ACTUATOR OPERATED UPVC & PP BALL VALVE & BUTTERFLY VALVE**


**Bodys** : UPVC & PP  
**Pressure** : Upto 5kg  
**Temperature:** : 80 °C  
**Seal** : PTFE  
**End Connection** : Screwed / socket / flanged end

**DIAPHRAGM TYPE SOLENOID VALVE & LOW PRESSURE SOLENOID VALVE**


**Actuator** : Diaphragm type internal, pilot operated  
**Type** : Normally Close / Open  
**Size Range** : 1/2" 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  
 : All Std Voltage Available

**PULSE JET SOLENOID VALVE (DUST COLLECTOR)**


**Size Range** : 1.1/2" to 2"  
**Body** : Aluminium Die Cast  
**Diaphragm** : Canvas / Nitrile / PU  
**Press.** : 0.6 to 10 Bar  
**Temp.** : 80 °C  
**Available Volt.** : All std. voltage available  
**End Conn.** : Screwed end/ Union end

**PILOT OPERATED SOLENOID VALVE FOR STEAM**


**Type** : Normally Close / Open  
**Size Range** : 1/2" to 2"  
**Body** : CF8  
**Seals** : Teflon  
**Pressure** : 1 to 12 Bar  
**Temperature** : Upto 170 °C  
**Ends** : Screwed / Flanged  
**Media** : Steam  
**Available Volt** : All std. voltage available

**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.

**2/2 WAY BRASS SOLENOID VALVE**


**Bodys** : Forged Brass  
**Pressure** : 0.5 to 10 Bar  
**Temperature:** : 0°C to 90°C  
**Diaphragm** : Diaphragm: Nitrile,  
**Media** : Media : Air, Water, Oil, Gas  
**Opet. Voltage** : Opet. Voltage  
 : All std. voltage available  
**End Connection** : End Connection: Screwed

**ACCESSORIES**

**LIMIT SWITCH**
**5/2 WAY SOLENOID VALVE**

**3/2 WAY SOLENOID VALVE**
**FLAME PROOF SOLENOID VALVE**

**FLAME PROOF LIMIT SWITCH**
**ELECTRO PNEUMATIC POSITIONER**

**SMART POSITIONER**

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# MANUAL

## MANUAL OPERATED 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/ Silicon  
Pressure Rating : 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 Replaceable / GFT  
Mounting : Universal  
Press. Rating : ANSI 150#  
Opr. Temp. : 180°C / 220°C

## TRIPLE OFF - SET DESIGN BUTTERFLY VALVE



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

## PLUG VALVE FLANGED END



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

## BALL VALVE



MOC : CF8 / CF8M/ WCB C.S/PP  
Ball : CF8/CF8M  
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

## GATE VALVE



Body & Bonnet : WCB/CF8/ CF8M  
Trims : 13%CR SS 410  
MFG Standard : BS1414  
End : Flanged End 150# & 300#  
Operation : Hand Wheel Operated  
HYD Test Pressure : Body - 425PSI,  
Seat - 300PSI  
Temperature : 250°C

## GLOBE VALVE



Body & Bonnet : WCB/CF8/ CF8M  
Trims : 13%CR SS 410  
MFG Standard : BS1414  
End : Flanged End 150# & 300#  
Operation : Hand Wheel Operated  
HYD Test Pressure : Body - 425PSI,  
Seat - 300PSI  
Temperature : 250°C  
Avb. In : ND40

## NON RETURN VALVE



Body & Bonnet : WCB/CF8/ CF8M  
Trims : SS 304 / SS 410  
MFG Standard : BS1868  
End : Flanged End 150# & 300#  
HYD Test Pressure : Body - 425PSI,  
Seat - 300PSI  
Temperature : 250°C  
Avb. In : Lift Up

## WAFER CHECK VALVE & DUAL PLATE CHECK VALVE



Body & Bonnet : MS/CF8/ CF8M  
Disc : MS/CF8/ CF8M  
MFG Standard : API 6D  
End : Flanged End 150#  
HYD Test Pressure : Body - 225PSI,  
Seat - 165PSI  
Temperature : 120°C

## STRAINER



Body : CAST IRON/ WCB/CF8/ CF8M  
Screen : SS 304  
Face to Face : ASME B16.5 / ND40 STD.  
End : Flanged End 150# / Socket Weld  
HYD Test Pressure : Body - 425PSI,  
Temperature : 250°C  
Type : T-Type / Pot-Type /  
Basket- Type/ Y- Type





**ELECTRICAL**

**BUTTERFLY VALVE WITH ELECTRICAL ACTUATOR**



Actuator : Electrical  
Size Range : 1.1/2" to 20"  
Valve Body : Cast Iron / SS 304 / 316  
Disc : SG Iron / CF8 / CF8M  
Seals : Nitrile / EPDM  
Pressure Rating : PN 16 (Max.)  
Oper. Temp. Range : 80°C / 120°C

**OFF. SET DISC BUTTERFLY VALVE WITH ELECTRICAL ACTUATOR**



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

**3 PC. 2 WAY BALL VALVE WITH ELECTRICAL ACTUATOR**



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

**3 WAY BALL VALVE WITH ELECTRICAL ACTUATOR**



Actuator : Electrical  
Size Range : 1/2" to 8"  
Ways : 3 Way  
MOC : CF8 / CF8M / WCB / PP  
Ends : Screwed / Flanged / Socket Weld

**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 Rating : 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 Rating : 150#  
Temp. : FEP 180°C : PFA 230°C  
Available : In pneumatic

**PHARMA BUTTERFLY VALVE WITH ELECTRICAL ACTUATOR**



Actuator : Electrical  
Size Range : 2" to 12"  
Valve Body : CF8 / CF8M  
Disc : CF8 / CF8M  
Seals : Silicon  
Pressure Rating : PN 6  
Temp. : 80°C  
End Conn. : TC End / Wafer Type

**PHARMA BALL VALVE WITH ELECTRICAL ACTUATOR**



Actuator : Electrical  
Size Range : 1/2" to 4"  
Valve Body : CF8 / CF8M  
Disc : CF8 / CF8M  
Seals : Silicon  
Pressure Rating : PN 6  
Temp. : 80°C  
End Conn. : TC End / Union Type

**ALSO AVAILABLE IN EXPLOSION PROOF**



**CEMENT BUTTERFLY VALVE**



**FEP BUTTERFLY VALVE**



**WCB BALL VALVE**



**ALUMINIUM BUTTERFLY VALVE**



**TC END BUTTERFLY VALVE**



**PP BUTTERFLY VALVE**



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