

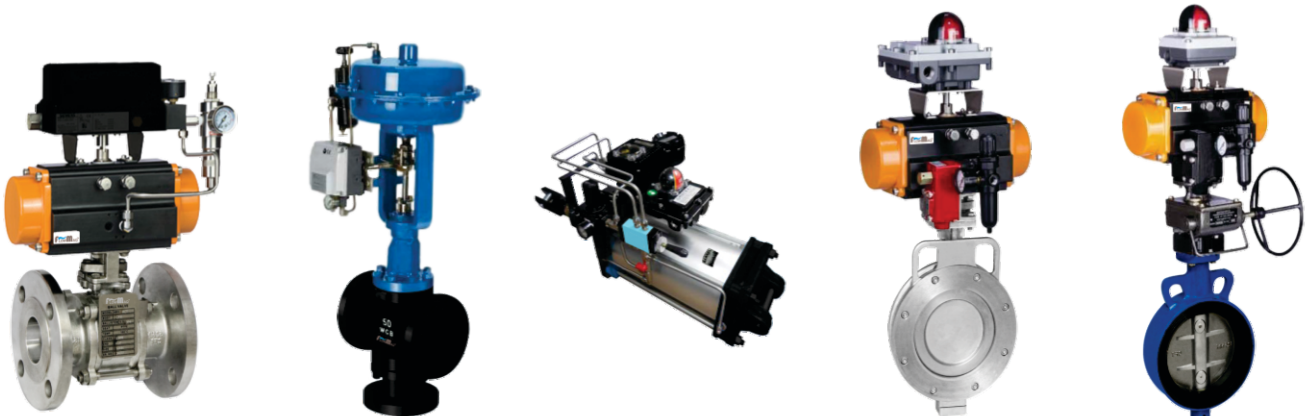


PRODUCT CATALOGUE



FLOWMAQ VALVES LLP

Delivering Ultimate Mechanical Perfection



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 Replacable
 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/cm²
 Temperature : FEP Upto 180°C

2/2 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 : Diaphragm Type / Cylinder
 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 : 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/cm² 4 ~ 10 Kg/cm² 20 ~ 35 Kg/cm²
Max. Inlet Press.	: 18 Kg/cm², 40 Kg/cm²
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 - Rotary



Limit Switch - Linear



5/2 Namur Solenoid Valve



3/2 Namur Solenoid Valve

Solenoid Valve



Double Coil Solenoid Valve



FR+L



Lubricator



Manual Override

Aluminum Pneumatic Cylinder Single / Double Acting
Square Body

Round Body

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
Square Body

Round Body

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/cm ²

Roto Seal Coupling (Right / Left Handed Thread)


Size	: 1/4" to 2" BSP
Body	: S.Steel
Shaft	: S.Steel
Pressure	: 10 Kg/cm ²
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/cm ²
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 1½" to 10"

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

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

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

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



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/cm²
 Seat Press. : 22 Kg/cm²
 Pneu. Press. : 7 Kg/cm²

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/cm² / 22 Kg/cm²
 Seat Press. : 10 Kg/cm² / 16 Kg/cm²

Safety Valve

Body : WCB / CF8 / CF8M / CI
 Bonnet : WCB / CF8 / CF8M / CI
 Cap : WCB / CF8 / CF8M / CI
 Body Press. : 1 Kg/cm² to 21 Kg/cm²
 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/cm² @ 427°C
 Reduce Press. : 17% of the inlet press.
 to 5 PSIG
 Hydro Press. : 35 Kg/cm²

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/cm²
 Seat Press. : 22 Kg/cm²
 Pneu. Press. : 7 Kg/cm²

Investment Casting Steam Trap

Ends : Screwed / Socketweld
 Size : 15mm To 25mm
 Max. Inlet Press. : 32kg / Cm² at 425°C
 Min. Press : 0.25 Kg / Cm²

Low / High Pressure Needle Valve

Size : 1/4" to 1"
 MOC : S.S. 304 / 316
 Seals : Metal to Metal
 Pressure : 200 Kg/Cm² to 700 Kg/Cm²
 Temperature : 85° C
 Media : Air, Water, Oil, & Gas
 Ends : Screwed End / Flange End

Stainless Steel Flanges & Fittings



Fittings

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



Hydraulic Hoses & Fittings



High Pressure Ball Valve



Instrumentation Fittings



Instrumentation Valve



Pharma Industry Valves



Pressure Switches



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