

# ***DiFlow***

V A L V E S



- Manual Valves ♦
- Pneumatic Actuator Valves ♦
- Motorized Valves ♦
- Solenoid Valves ♦
- Pneumatic Accessories ♦



## Ball Valve

Type	: 1Pc. / 2Pc. / 3Pc. Designs
Body	: WCB / CF8 (SS 304) / CF8M (SS 316)
Ball	: CF8 (SS 304) / CF8M (SS 316)
Seat	: PTFE / Viton / Metal to Metal
Pressure Rating	: 150# / 300# / 800#
Ends	: Screwed / Flanged / Socket Weld
Size Range	: 1/2" to 6"



## Butterfly Valve

Type	: Wafer / Lug / Flanged / Offset / 2 Offset
Body	: C.I/CF8 (SS 304) / CF8M (SS 316)
Disc	: D.I / CF8 (SS 304) / CF8M (SS 316)
Seals	: Nitrile / EPDM / PTFE for Offset Valves
Temperature	: Nitrile (90°C) / EPDM (130°C) (More for Offset Valves)
Pressure Rating	: PN10 / PN16
Size Range	: 1 1/2" to 20"



## Gate Valve

Body	: C.I/WCB / CF8 (SS 304) / CF8M (SS 316)
Working press	: 150PSIG
Hyd.Test Pr.	: BODY-450PSIG / SEAT-315PSIG
End	: Flanged As Per ANSI B16.5 150# AND 300#



## Knife Edge Gate Valve

Type	: Round Plate / Square Plate
Valve Body	: C.I / WCB / CF8(SS 304) / CF8M(SS 316)
Gate Plate	: C.I / WCB / CF8(SS 304) / CF8M(SS 316)
Seat	: Metal to metal / Rubber Seated
Ends	: Flanged to 150# / 300# / 600#



## Globe Valve

Body	: WCB / CF8 (SS 304) / CF8M (SS 316)
Pressure Rating	: 150# AND 300#
Working Pr.	: 150PSIG
Hyd. Test Pr.	: BODY 450PSIG / SEAT 315PSIG
End	: Flanged to ANSI B 16.5



## Check Valve

Types	: Swing Type / Piston Lift up type / Wafer type / Dual plate Type / Universal Type
Body	: C.I / WCB / CF8 (SS 304) / CF8M (SS 316)
Pressure Rating	: 150# AND 300#
Working Pr.	: 150 PSIG
Hyd. Test	: BODY 425PSIG
End	: Flanged As Per ANSI B16.5



## Steam Trap

Types	: Thermodynamic / Horizontal Float / Vertical Bucket
Body	: CF8 (SS 304) / CF8M (SS 316) / CA 15
Trims	: 13Cr / 18Cr 8Ni
Max.Inlet Press	: 32 kg/cm2 At 450°C
Min. Pressure	: 0.25 kg/cm2
	Max. back pressure should not exceed 80% of inlet pressure
End	: Screwed to BSP / Socket Weld



## Y Type Strainer

Body	: C.I/WCB/CF8 (SS 304)/CF8M (SS 316)
End	: Screwed to BSP / FLANGED B16 5 / BS 10 TABLE"E"
Working Press	: 213PSIG



## Air Valve

Body	: Cast Iron
Ball	: Neoprene Coated Timber
Max C.W.P	: 100 PSIG (7 Kg/Cm2)
End	: Flanged to BS10 Table "D"



## Foot Valve

Body	: Cast Iron / WCB
Screen	: Galvanized Steel
End	: Flanged to Table D



## PFA / FEP Lined Valves

Type	: Ball Valve / Butterfly Valve / Diaphragm Valve / Control Valve etc.
Body	: Cast Iron
Lining	: PFA / FEP Lined
Temp.	: PFA (260°C) / FEP (200°C)



## Polypropylene Valves

Types	: Ball Valve / Butterfly Valve / Diaphragm Valve / Foot Valves etc.
Material	: PP / UPVC / CPVC
Ends	: Flanged / Screwed



## Semi Lift Solenoid Valve

Type	: Normally Close / Open
Body	: CF8 (SS 304) / CF8M (SS 316)
Diaphragm	: Nitrile / EPDM / Viton
Pressure	: 0 to 7 Bar / 0 to 4 Bar
Temperature	: Nitrile(90°C)/EPDM(140°C)/Viton(180°C)
Ends	: Screwed/Flanged
Media	: Air, Water, Oil, Gas, Chemical
Available Volt.	: All std. voltage available



## Pilot Operated Solenoid Valve

Type	: Normally Close / Open
Body	: CF8 (SS 304) / CF8M (SS 316)
Diaphragm	: Nitrile / EPDM / Viton
Pressure	: 0.5 to 12 Bar
Temperature	: Nitrile(90°C)/EPDM(140°C)/Viton(180°C)
Ends	: Screwed / Flanged
Media	: Air, Water, Oil, Gas, Chemical
Available Volt.	: All std. voltage available



## Direct Acting Solenoid Valve

Type	: Normally Close / Open
Body	: CF8(SS 304)/CF8M(SS 316)/Brass/AL
Seals	: Nitrile / EPDM / Viton
Pressure	: 0 to 10 Bar / 0 to 25 Bar / 0 to 150 Bar
Temperature	: Nitrile(90°C)/EPDM(140°C)/Viton (180°C)
Ends	: Screwed
Media	: Air, Water, Gas, Chemical
Available Volt.	: All std. voltage available



## Pulse Jet (Dust Collector) SV

Type	: Normally Close
Body	: Aluminum Die Cast
Seal	: Nitrile
Pressure	: 0.5 to 8.5 Bar
Temperature	: Upto 90°C
Ends	: Screwed
Media	: Air
Available Volt.	: All std. voltage available

We Have multiple types of Solenoid Valves for various temperature Ranges (from 90°C to 180°C). Flameproof coils, Waterproof coils and other accessories like MOR etc are also available on Special requests.



## Ball Valve With Pneumatic Rotary Actuator

Actuator	: Single/ Double Acting
Type	: 1Pc. /2Pc. /3Pc. Designs
Body	: WCB/CF8 (SS 304) /CF8M (SS 316)
Ball	: CF8 (SS 304) /CF8M (SS 316)
Seat	: PTFE/Viton etc.
Ends	: Screwed/Flanged/Socket Weld
Size Range	: 1/2" to 6"



## Butterfly Valve with Pneumatic Rotary Actuator

Actuator	: Single/Double Acting
Body	: C.I / CF8 (SS 304) / CF8M (SS 316)
Disc	: D.I / CF8 (SS 304) / CF8M (SS 316)
Seals	: Nitrile / EPDM / PTFE for Offset Valves
Pressure Rating	: PN10 / PN16
Temp. Range	: Nitrile (90°C) / EPDM (130°C) (More in Offset Valves)
Size Range	: 1.1/2" to 20"



## Y Type Control Valve

Type	: Normally Close/ Open
Body	: CF8 (SS 304) / CF8M (SS 316)
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
Size Range	: 1/2" to 2"



## Pneumatic Diaphragm Operated Control Valve

Type	: Diaphragm Operated Type Thermic Fluid Control Valve
Body & End Piece	: WCB / CF8 (SS 304) / CF8M (SS 316)
Diaphragm	: Reinforce Nitrile rubber
Diaphr. cover	: Sheet Metal Pressing
Working Press	: 150# / 300#
Working Temp.	: Up to 450°C
Seat	: Metal to Metal for Thermic Fluid

Pneumatic Gate Valves and Pneumatic Knife Edge Gate Valves are also Available.



## Motorized Ball Valve

Actuator Type	: Motorized
Type	: 1Pc. /2Pc. /3Pc. Designs
Body	: WCB / CF8 (SS 304) / CF8M (SS 316)
Ball	: CF8 (SS 304) / CF8M (SS 316)
Seat	: PTFE / Viton etc.
Ends	: Screwed / Flanged / Socket Weld
Size Range	: 1/2" to 6"



## Motorized Butterfly Valve

Actuator Type	: Motorized
Body	: C.I / CF8 (SS 304) / CF8M (SS 316)
Disc	: D.I / CF8 (SS 304) / CF8M (SS 316)
Seals	: Nitrile / EPDM / PTFE for Offset Valves
Pressure Rating	: PN10 / PN16
Temp. Range	: Nitrile (90°C) / EPDM (130°C) (More in Offset Valves)
Size Range	: 1.1/2" to 20"



## Motorized Gate Valve

Actuator Type	: Motorized
Body	: C.I. / WCB / CF8 (SS 304) / CF8M (SS 316)
Working press	: 150 PSIG
Hyd. Test Pr.	: BODY 450 PSIG / SEAT 315 PSIG
Temperature	: 180°C
End	: Flanged As Per ANSI B16.5150# AND 300#



## Motorized Control Valve

Actuator Type	: Motorized
Body & End Piece	: WCB / CF8 (SS 304) / CF8M (SS 316)
Working Press	: 150# / 300#
Working Temp.	: Up to 450°C
Seat	: Metal to Metal for Thermic Fluid

# COMPANY PROFILE

We DiFlow, are one of the most trusted names in the sector of manufacturing and supplying a wide range of Industrial Valves. We provide broad range of Industrial Valves like Ball Valve, Butterfly Valve, Gate Valve, Globe Valve, Check Valve, Solenoid Valves, etc. Covering a vast range of applications and usages.

We at DiFlow fully understand the importance of quality, thus abiding it to one of our mottoes to provide not only quality products but also maintain what we have guaranteed upon. Moreover, the entire range of products is fabricated by adopting the latest technology in our production processes. We also upgrade and diversify the machines with time, in order to cater to the varied requirements of our clients effectively and efficiently which makes us one of the leading Valves Manufacturer in India. We are fully equipped with advanced technology and machinery, keeping us up and above in the production and related operations. Our smooth production and supply chain enables us in meeting the urgent and bulk demands of our customers. Besides, we get the strong support of our team of highly skilled and dedicated professionals, who have been successful in winning the faith of numerous patrons.

## OUR TEAM

Assisted by the team of most proficient and sincere professionals in all the stages, we have been able to stand tall on the expectations of our valued patrons. The experts working with us are well-versed with the pros and cons of their assigned functionalities, which benefit us in undertaking and successfully completing tough targets to retain our position in the market. The experts make optimum utilization of available resources, with an aim of increasing the manufacturing quality of our products. Our experts work in close proximity with the clients to understand their exact needs and requirements and cater to them an outstanding range of products, accordingly. Further, we regularly arrange skill enhancement classes and seminars to keep our teammates abreast of advanced technologies and market dynamics.

### Our team comprises the following members:

- Mechanical Engineers
- Designers
- Quality control Engineers
- Research Associates
- Skilled & well-experienced Workforce
- Administrative Professionals

## VISION & MISSION

DiFlow Valves is committed to enhancing customer satisfaction through on-time completion of projects and services at a competitive price. Our mission is to provide affordable products and services, best prices, and commitment to our end customers with quality engineering, matching to standard with a highly skilled professional approach and teamwork. High knowledge and practical experience aid us to achieve this. We will strive for continual improvement in the effectiveness of the quality management system.

## QUALITY CONTROL

We at DiFlow believe that nothing should be compromised in front of our promise, '**promise**' to deliver the QUALITY you can depend on. We assure you that the making of the product will be as genuine as your trust upon us i.e. UNSHAKABLE. We are passionate to live up to your expectations and our team works their heart out for it. We don't believe in selling the product, but we see it as a beginning of a new relationship on which we bank on. The services will be smooth ensuring no time wastage on your part.



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