

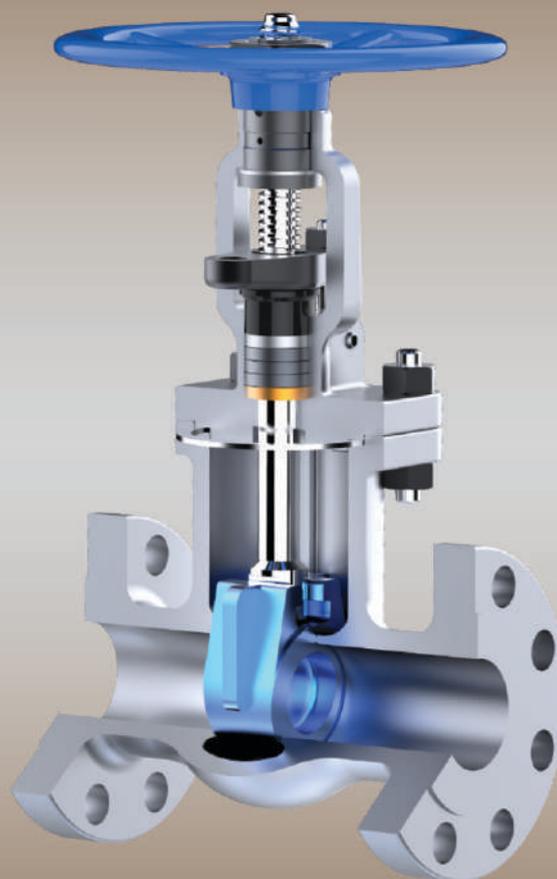


VALVE-TECH INDUSTRIES

“Materials that Create Solutions”

INDIA | UAE

VALVE-TECH is one of the leading manufacturer of superior international quality Valves. A key component of our company is its outstanding service to the customer, including field advice, technical assistance and consultancy.



Product Range.

From the ocean depth to deep space and everything in between, ValveTech Industries provides custom, precision fluid control components and systems.

Both our product line and workforce are diverse and capable of solving difficult fluid management problems.

ValveTech Industries headed by young Industrialist Mr. Sandeep Drolia has been consistently expanding in different sectors. VTI Projects Pvt. Ltd. being one of its sister concern has a steady and constant growth in all the disciplines including Mechanical Construction, Erection & Commissioning of Piping Systems, offering all types of services to Steel making and Power Generation Plants with commendable solution to all their needs in the specified time frame.

Swachh Bharat Initiative-We recognise and take responsibility for the impact of our business on the environment. We have made changes to where and how we operate so that we can do our bit to help save the environment. We believe that by maintaining the Ecosystem and understanding the importance of the environment, we can address our broader responsibility to our society.

Health & Safety Policy-We care for our people, our customers and the wider community and are therefore committed to creating a workplace that is injury, illness and incident free. We have strict Workplace Health & Safety (WHS), environmental and quality policies and procedures in place to ensure that we consistently deliver the highest standard in all areas. We are recognised by our customers and peers not only as a leader in the markets we serve, but also for our strong commitment to safety, sustainability and Quality Control.

Valves Engineered at ValveTech Industries are designed to match the wide scope of demand. They are produced to suit the requirement of the material whether Water, Oil, Gas, Chemical or any other material that exist.

ValveTech Industries pioneers in unmatched quality valves used in all kinds of Industrial application along with Marine and HVAC&R segments. It has been successfully dealing in valves of varied categories including Ball Valves, Check valves, Gate Valves, Globe Valves, Butterfly Valves, Plug valves, Manual balancing Valves, Control Valves, Special purpose Valves and Custom Designed Valves.

ValveTech Industries resources allows to produce Valves that are eligible to meet the standards from 150# to 4500#

VTI has OHSAS 18001, ISO 9001, ISO 14001

VTI provides IBR certified Valves.

With the help of the maintained quality, VTI has availed CE marking for products.

Butterfly Valve

Butterfly Valve Center Disc (Lugged)



Class - PN10 / PN16.
Ends - Wafer / Fully Lugged.
MOC - CI / DI / WCB / CF8 / CF8M / Aluminium Bronze.
Disc - DI / CA15 / CF8 / CF8M / Other Alloys.
Seat - EPDM / Viton / Silicon / PTFE / Nitrile.
Mfg. Std. - BS 5155.
Test Std. - BS 6755 Part 1.

Optional Features Available.

- Extended Spindle.
- Higher Pressure Upto PN40.
- Other Body/Disc Materials.
- Locking Arrangement.
- Encapsulated Disc
- Metal Seated High Per. to API 609
- Gear/Pneumatic/Electrical Actuator
- Size 50 mm to 1000 mm

Butterfly Valve Center Disc (Wafer)



Class - PN10 / PN16.
Ends - Wafer / Fully Lugged.
MOC - CI / DI / WCB / CF8 / CF8M / Aluminium Bronze.
Disc - DI / CA15 / CF8 / CF8M / Other Alloys.
Seat - EPDM / Viton / Silicon / PTFE / Nitrile.
Mfg. Std. - BS 5155.
Test Std. - BS 6755 Part 1.

Optional Features Available.

- Extended Spindle.
- Higher Pressure Upto PN40.
- Other Body/Disc Materials.
- Locking Arrangement.
- Encapsulated Disc
- Metal Seated High Per. to API 609
- Gear/Pneumatic/Electrical Actuator
- Size 25 mm to 1200 mm.

Butterfly Valve - Double Flanged

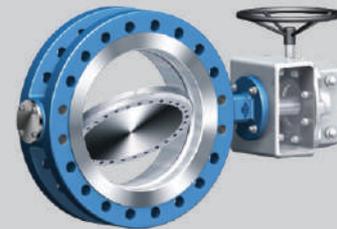


Class - PN10 / PN16.
Ends - Flanged Drilled to ANSI/BS/DINSTD
MOC - CI / DI / WCB / CF8 / CF8M / Others
Disc - DI / CA15 / CF8 / CF8M / Other Alloys.
Seat - EPDM / Viton / Silicon / PTFE / Nitrile.
Mfg. Std. - BS 5155.
Test Std. - BS 6755 Part 1.

Optional Features Available.

- Extended Spindle.
- Higher Pressure Upto PN40.
- Other Body/Disc Materials.
- Locking Arrangement.
- Encapsulated Disc
- Metal Seated High Per. to API 609
- Gear/Pneumatic/Electrical Actuator
- Size 50 mm to 2000 mm.

Butterfly Valve Triple Eccentric Disc



Class - PN6 / PN10 / PN16.
Ends - Wafer / Flanged.
MOC - WCB / LCB / CF8 / CF8M.
Disc - SS304 / SS316.
Seat - SS 304 / SS 316.
Mfg. Std. - API 609.
Test Std. - API 598.

Optional Features Available.

- Fire Safe API 609.
- NACE as per MR-01-75.
- Positioner, Limit Switch Box, Position Transmitter, Volume Booster.
- Size 50 mm to 2400 mm.
- Encapsulated Disc
- Gear/Pneumatic/Electrical Actuator

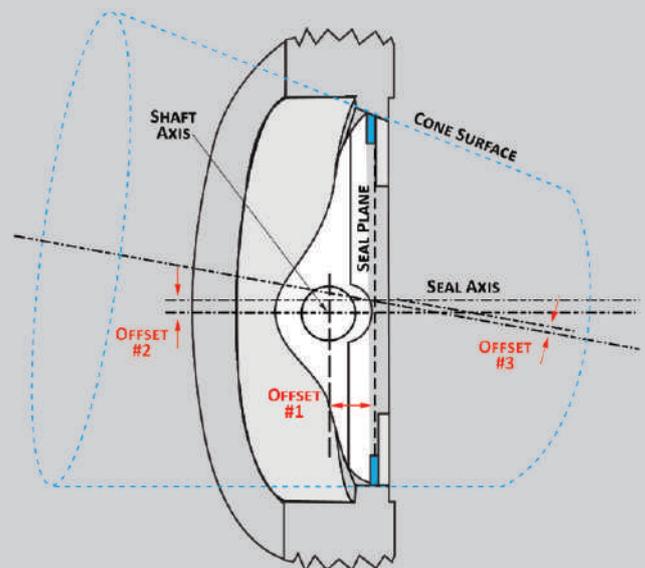
Butterfly Valve Double Eccentric Disc



Class - PN6 / PN10 / PN16.
Ends - Wafer / Flanged.
MOC - WCB / LCB / CF8 / CF8M.
Disc - SS304 / SS316.
Seat - EPDM / Viton / PTFE / Nitrile.
Mfg. Std. - API 609.
Test Std. - API 598.

Optional Features Available.

- Fire Safe API 609.
- NACE as per MR-01-75.
- Positioner, Limit Switch Box, Position Transmitter, Volume Booster.
- Size 50 mm to 3000 mm.
- Encapsulated Disc
- Gear/Pneumatic/Electrical Actuator



Globe Valve

Globe Valve Cast Body



Class - 150 / 300 / 600.
 Ends - Flanged / Butt Weld.
 MOC - WCB / LCB / A351CF8 / 3518M.
 Trim - CS+13%CR / / CF8 / CF8M / Monel / Stellite Hard Face.
 Mfg. Std. - BS 1873 / ANSI B16.34
 Test Std. - BS 6755 Part - 1 / BS EN 12266 Part 1

Optional Features Available.

- Parabolic Disc.
- Extended Bonnet.
- Welded Bonnet
- Locking Arrangement
- Gear / Electrical Actuator
- NACE as per MR-01-75.
- Ring Joint Facing.
- IBR Certification.
- Soft Seat Plug.
- Size 50 mm to 600 mm.

Gate Valve

Gate Valve Cast Body



Class - 150 / 300 / 600.
 Ends - Flanged / Butt Weld.
 MOC - WCB / LCB / A351CF8 / 3518M.
 Trim - 13%CR / / CF8 / CF8M / Monel and Others.
 Mfg. Std. - API 600.
 Test Std. - API 598

Optional Features Available.

- API 6D Design.
- Extended Bonnet.
- Stellite Hard Face
- Locking Arrangement
- Gear / Electrical Actuator
- NACE as per MR-01-75.
- Ring Joint Facing.
- IBR Certification.
- Size 50 mm to 1200 mm.

Globe Valve Cast Body Pressure Seal Bonnet



Class - 900 / 1500 / 2500.
 Ends - Flanged / Butt Weld.
 MOC - WCB / LCB / CF8 / CF8M.
 Trim - 13%CR +ST/ / CF8 / CF8M / Monel / Stellite Hard Face.
 Mfg. Std. - BS 1873 / ANSI B16.34
 Test Std. - BS 6755 Part - 1 / BS EN 12266 Part 1

Optional Features Available.

- Parabolic Disc.
- Extended Bonnet.
- Bolted Bonnet.
- Gear / Electrical Actuator
- NACE as per MR-01-75.
- Ring Joint Facing.
- Jacketed Valve.
- Size 50 mm to 600 mm.

Gate Valve Cast Body Pressure Seal Bonnet



Class - 900 / 1500 / 2500.
 Ends - Flanged / Butt Weld.
 MOC - WCB / LCB / CF8 / CF8M.
 Trim - 13%CR +ST/ / CF8 / CF8M.
 Mfg. Std. - API 600 / ANSI B16.34
 Test Std. - API 598

Optional Features Available.

- API 6D Design.
- Extended Bonnet.
- Locking Arrangement
- Gear / Electrical Actuator
- NACE as per MR-01-75.
- Ring Joint Facing.
- IBR Certification.
- Size 50 mm to 1200 mm.

Globe Valve Forged Body



Class - 800 / 1500 / 2500.
 Ends - SW / BW / Screwed / Ext. Welded Flanges.
 MOC - A105 / A182F304 / A182F316 / F11 / F22 / LF2
 Trim - SS410 / SS304 / SS316 / Stellite Hard Faced.
 Mfg. Std. - BS 5352 / API 602.
 Test Std. - API 598 / BS EN 12266 Part 1

Optional Features Available.

- Full Bore.
- Extended Bonnet.
- Welded Bonnet
- Locking Arrangement
- NACE as per MR-01-75.
- Stellited Hard Face.
- IBR Certification.
- Size 15 mm to 50 mm.

Gate Valve Forged Body



Class - 800 / 1500 / 2500.
 Ends - SW / BW / Screwed / Ext. Welded Flanges.
 MOC - A105 / A182F304 / A182F316 / F11 / F22 / LF2
 Trim - SS410 / SS304 / SS316 / Stellite Hard Faced.
 Mfg. Std. - API 602.
 Test Std. - API 598

Optional Features Available.

- Full Bore.
- Extended/Welded Bonnet.
- API 6D
- Locking Arrangement
- NACE as per MR-01-75.
- Stellited Hard Face.
- IBR Certification.
- Size 15 mm to 50 mm.

Ball Valve

Ball Valve Cast Body - Floating Ball



Class - 150 / 300 / 600.
Ends - Flanged / Butt Weld / Socket Weld.
MOC - WCB / CF8 / CF8M / A216
Trim - SS304 / SS316.
Seat - PTFE / RPTFE / CFT / PEEK.
Mfg. Std. - BS 5351 / BS EN ISO 17292 / API 6D.
Test Std. - BS 6755 Part - 1 / BS EN 12266 Part 1

Optional Features Available.

- Fire Safe as per API-607
- Locking Arrangement.
- Metal to Metal Seating.
- Other Alloy Composition.
- NACE as per MR-01-75.
- Extended Spindle for Cryogenic Services.
- Gear/Pneumatic/Electrical Actuator.
- Size 15 mm to 600 mm.

NOTE: Screwed Ends Available in 150 Class.

Ball Valve - 3 Piece Trunnion Mounted



Class - 150 / 300 / 600 / 900 / 1500 / 2500.
Ends - Flanged / Butt Weld.
MOC - WCB / A105 / A105 ENP Coated / CF8 / CF8M.
Trim - 13%CR / WCB + 13%CR / A105 ENP Coated / CF8 / CF8M.
Seat - PTFE / CFT / GFT.
Seal - Graphoil / SP Wound SS304.
Mfg. Std. - BS 5351 / BS EN ISO 17292 / API 6D.
Test Std. - BS 6755 Part - 1 / BS EN 12266 Part 1

Optional Features Available.

- Locking Arrangement.
- Metal to Metal Seating.
- Double Block & Bleed Arrngmnt.
- Provision for Emergency Sealant Inspection.
- Extended Spindle for Cryogenic Services.
- Gear/Pneumatic/Electrical Actuator
- Size 50 to 650 mm Class : Upto 600.
- Size 50 to 300 mm Class : 900 & above.

Ball Valve - Top Entry Construction



Class - 150 / 300 / 600 / 900 / 1500 .
Ends - Flanged End as per ANSI R 16.5 RF
MOC - WCB / CF8 / CF8M / A216
Trim - WCB / A105 / A105 ENP Coated / CF8 / CF8M.
Seat - WCB / A105 / A105 ENP Coated / SS304 / SS316.
Mfg. Std. - BS 5351 / API 6D / BS EN ISO 17292 / API 6D.
Test Std. - BS 6755 Part 1 / BS EN 12266 Part 1

Optional Features Available.

- Fire Safe as per API-607
- Gear/Pneumatic/Electrical Actuator.
- Jacketing Provision.
- Senent Injection System
- Other Trim Material.
- Other End Connection.
- Size 50 mm to 600 mm.

Ball Valve - 3 Way Floating



Class - 150 .
Types - L Port Diverting / J Port.
Ends - Flanged / Butt Weld.
MOC - Cast Steel / SS304 / SS316
Trim - SS 304 / SS 316.
Seat - PTFE.
Mfg. Std. - BS 5351 / BS EN ISO 17292 .
Test Std. - BS 6755 PART 1 / BS EN 12266 Part 1

Optional Features Available.

- Locking Arrangement
- Gear/Pneumatic/Electrical Actuator
- Size 15 mm to 300 mm
- Other Material Comp.

Ball Valve Forged Body - 3 Piece Floating Ball



Class - 800 / 1500.
Ends - SW / BW / Screwed.
MOC - A105 / A182F304 / A182F316.
Trim - SS304 / SS316.
Seat - PTFE / RPTFE / CFT / PEEK.
Mfg. Std. - BS 5351 / BS EN ISO 17292.
Test Std. - BS 6755 Part 1 / BS EN 12266 Part 1

Optional Features Available.

- Fe Safe as per API-607
- Locking Arrangement.
- Metal to Metal Seating.
- NACE as per MR-01-75.
- Extended Spindle for Cryogenic Services.
- Size 15 mm to 50 mm.

Plug Valve



Class - 150 / 300
Ends - Flanged.
MOC - DITO A345 / WCB / CF8 / CF8M.
Plug - GS15 / CF8 / CF8M.
Diaphragm - PTFE.
Sleeve - PTFE.
Mfg. Std. - API 599.
Test Std. - API 598.

Optional Features Available.

- API 6D Design.
- Jacketed Construction
- SW/Screwed Ends.
- Size 15 mm to 250 mm.
- Extended Stem.
- Vaccum Service.
- Gear/Pneumatic/Elc. Actuator



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Check Valve

Swing Check Valve Bolted Bonnet



Class - 150 / 300 / 600.
Ends - Flanged / Butt Weld.
MOC - WCB / LCB / CF8 / CF8M.
Trim - CS+13%CR / / CF8 / CF8M / .
Mfg. Std. - BS 1868 / ANSI B16.34
Test Std. - BS 6755 Part - /BS EN 12266 Part 1

Optional Features Available.

- API 6D Design.
- Ring Joint Facing.
- Other Trim Material
- NACE as per MR-01-75.
- Counter Wt./Lever/DashPot Arrangement.
- Size 50 mm to 750 mm.

Dual Plate Check Valve



Class - 150 / 300 / 600 / 900.
Ends - Wafer / Flanged / Lug Tye RTJ.
MOC - WCB / A105 / CF8 / CF8M / Al. Bronze.
Plate - WCB / A105 / CF8 / CF8M / Al. Bronze.
Spring - SS316 / Inconel
Mfg. Std. - API 594.
Test Std. - API 598BS EN 12266 Part 1

Optional Features Available.

- Alternate Body/Disc Material.
- Rubber Lining.
- Soft Seat - Rubber/PTFE.
- NACE as per MR-01-75.
- Stellited Hard Face.
- API 6D Design.
- Size 40 mm to 2000 mm.

Swing Check Valve Pressure Seal Bonnet.



Class - 900 / 1500 / 2500.
Ends - Flanged / Butt Weld.
MOC - WCB / LCB / CF8 / CF8M.
Trim - CS+13%CR / CF8 / CF8M.
Mfg. Std. - BS 1868 / ANSI B16.34
Test Std. - BS 6755 Part - /BS EN 12266 Part 1

Optional Features Available.

- API 6D Design.
- Ring Joint Facing.
- Other Trim Material
- NACE as per MR-01-75.
- Counter Wt./Lever/DashPot Arrangement.
- Size 50 mm to 500 mm.

Tilting Disc Wafer Check Valve

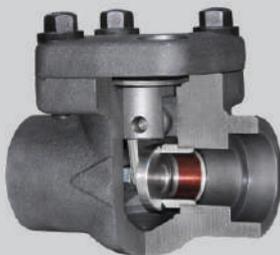


Class - 150.
Ends - Wafer Holding Between Flanges.
MOC - S.G Iron / WCB / CF8 / CF8M.
DISC - S.G Iron / WCB / CF8 / CF8M.
Soft Seat - Buna-N / EPDM / Viton.
Spring - SS304 / SS316.
Mfg. Std. - API 594.
Test Std. - API 598.

Optional Features Available.

- Alternate Body/Disc Material.
- API 6D Design.
- Size 25 mm to 1000 mm

Lift Check Valve

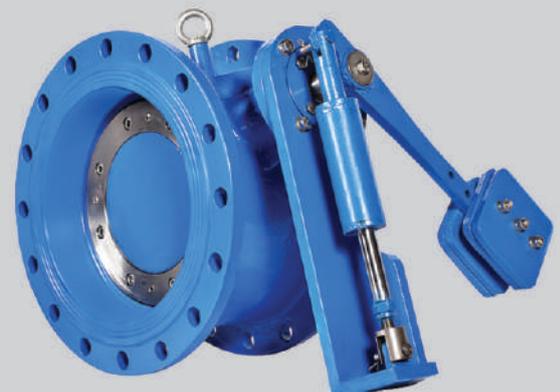


Class - 800 / 1500 / 2500.
Ends - SW / BW / Screwed / Ext. Welded Flanges.
MOC - A105 / A182F304 / A182F316 / F11 / F22 / LF2
Plug - 13%CR / SS304 / SS316 / Stellite Hard Faced.
Mfg. Std. - BS 5352.
Test Std. - BS 6755 Part /BS EN 12266 Part 1.

Optional Features Available.

- Full Bore.
- Welded Cover.
- Other Trim Materials.
- NACE as per MR-01-75.
- Cryogenic Service
- Size 15 mm to 50 mm.

Tilting Disc Dashpot Arrangement Check Valve with Counter Weight





Valve Tech has proved its efficiency in the use of Numerical Control Machining process. The whole concept using computers with the association of CNC's to perform critical operations like boring, milling, surface finishing and all other operations that require complex finish with utmost accuracy is the major concept how VTI maintains its standards.

Fire Safe Valves are ideal for refining and chemical plants where fire safety is a major concern. VTI Fire safe Valves are planned when the plant or processes is expected to be operated under fire, even with delicate seats burnt, but the valve still fixed with the exact body. This would keep the harm low.



Working towards the vision we have established a dedicated in-house R & D Center with the aim of securing the quality and standards and normalizing them at the same time. We have involved ourselves in technologies to develop challenging solutions for extreme pressures and temperatures.

Continued Researches on the materials, representing the most challenging activity has been a major task for the department. Other platforms included welding processes in presence of joint with different materials, hardfacing processes to be applied in the sealing and sliding components in the presence of HPHT service conditions & NDT, due the fact that VTI follows the only policy of prociding highest standards.



Decide, Commit, Succeed



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