



ISO 9001 : 2008 Certified

True Definition of Safety & Reliability

USMANI

TUBES & VALVES CO. PVT. LTD



Manufacturers of Industrial Valves



USMANI TUBES & VALVES CO. PVT. LTD. is an ISO 9001 : 2008 Certified Company. We manufacture Industrial valves, having our factory at Thane (India) and operating since year 2000. Owned and run by engineering professional with previous senior cadre working experience in various reputed industries.

Our "UTVC" brand of valves are being supplied to many government and private companies in all over India and Abroad for their Air, Water, Steam, Oil & Gas, Fly Ash, Pulp, Acids, Slurry, Power Generation, Chemical & Petrochemicals Services, Fertilizer, Refineries, Foods & Cement Industries.

Our "UTVC" brand of valves carrying Guarantee of 12 months for manufacturing defects & faulty workmanship. We provide Test certificate along with the supplies.

OUR PRODUCTS TYPES:

- ? Teflon seated Ball Valves , Metal seated Ball Valves, Jacketed Ball Valve
- ? Forged Steel & Cast Steel Gate, Globe, & Check Valves
- ? 'Y' Type Angle valves & 'Y' Type Strainer & Basket Type Strainers
- ? Wafer Type Butterfly Valves, Wafer type Slam & Non Slam Check Valve
- ? Flush Bottom valves , 2 & 3 Way Control Globe Valve
- ? Plug & Ball type Non-Return Valve & Taper type Lubricated Plug Valves
- ? Flow Indicator Sight Glass, Angle & Pop type Safety relief valves

MATERIAL OF CONSTRUCTION

Cast Iron Cast carbon Steel (WCB, LCB), Forge carbon Steel (A105, F304, F316)
Cast Stainless Steel (CF8M, CF3M) Forged Stainless Steel (F304, F316, F304L)

PRESSURE CLASS & END CONNECTION

Flanged DIN standard ANSI-150#, 300#, 600#,
Screwed / Socket Welded ANSI #800, #1500, #2500, Butt Weld- ANSI #600,
SIZE :- ¼ " NB To 20" NB

We now request you to kindly registered our name as one of your supplier for valve and please forward your valuable enquiries. If you need more details, we shall be please to provide the same. Assuring you for best attention always.



F. H. Khan
Managing Director
UTVC

HIGH PERFORMANCE BUTTERFLY VALVE





FORGED STEEL GATE / GLOBE / NRV

UTVC make Forged Steel Valves of compact design with bolted bonnet/cover, shoulder type body seating. Tee head plug/ wedge to stem connection. Rugged outside screw and yoke connection with choice of trims. These valves are manufactured from tested material and have guaranteed performance. This valve gives trouble free service and long life.

Application : For Air, chemical, Refineries, Petrochemical Gas, Fertilizer Plant, Power Generation plants (Hydro-Electric & Nuclear) Steel Plants. Allied Industries, Low Steam, Process Industries Etc.

Material of Construction : A-105, SS CF-8, SS CF8M & Alloy Steel.

Type of Connection : Screwed End, Socket Weld, Butt Weld.

Rating : Class 800 / 1500 / 200

Size : 15 NB to 50 NB

FORGED STEEL 'Y' TYPE GLOBE NRV

UTVC Y Type valves are available in three bonnet designs. The first design is the Bolted Bonnet, with male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint. On request a full penetration strength welded joint is available. The third design is the pressure seal bonnet, with a threaded and pressure seal bonnet joint. The Y Type valves are available in globe and check design configurations.

Design Feature:

Design and manufactured conform to BS5352.

Full Port or Conventional Port, Piston and ball check, Spring available on request, Loose solid disc, Two piece self-aligning packing gland, Integral back seat, Outside Screw and Yoke (OS & Y), Bolted bonnet with spiral-wound gasket, threaded and seal welded bonnet or threaded and pressure seal bonnet, Socket weld ends to ASMB B16.11, Screwed Ends (NPT) to ANSI/ASMB B1.20.1

Material of Construction: A105, F11, F22, LF2, F304, F306 or Equivalent

Testing : BS6575 Size : ½" to 2" Rating : Class 800 / 2500



FORGED STEEL EXTENDED BONNET CRYOGENIC GATE / GLOBE VALVES

UTVC Make Cryogenic valves are available in three bonnet designs. The first design is the Bolted Bonnet, with male-female joint and spiral wound gasket made in F304L/graphite. Ring joint gasket are also available upon request. The second design is the welded bonnet, with a threaded and seal welded joint. On request a full penetration strength welded joint is available. The cryogenic valves are available in gate and globe design configurations. Valves are designed with an extended bonnet for use in cold services to -196 degrees C (-320 degrees F).

Design Feature:

Design & Manufacture Standard API 602 / BS5352

Full Port or Conventional Port, Two piece self-aligning packing gland, Bolted bonnet with spiral wound gasket, threaded and seal welded bonnet, Integral backseat, Pressure relief hole on seat (for Gate Valves only), Socket weld ends to ASMB B16.11, Screwed Ends (NPT) to ANSI/ASME B1.20.1, Special extension lengths on request, Soft seats for globe valves on request PTFE stem packing on request, Special low temperature testing on request, Outside Screw and Yoke (OS&Y)

Products Range:

Size: 3/8" - 2" Rating: Class 800 to 1500 Actuation: handwheel

Materials : A105, F11, F22, F304, F316, F5, F51, F53 or Equivalent





CAST STEEL GATE VALVE FLANGED

UTVC make Cast Steel Gate Valves are for high pressure and high temperature applications for wide range to fluids except slurries and viscous fluids. These Valves comprise a bolted bonnet, a rising stem, an outside screwed & yoke stainless steel stem wedge and seat rings facing with 13% chrome steel. These valves can be installed in a vertical or horizontal position without affecting the direction of the fluid flow in the line.

Manufacturing Standard

API 600 / ANSI, B16.10 / B16.5 & B16.34

Rating & Size: #150 - 2" to 20", #300 - 2" to 16",
#600 - 2" to 10"

Application : For air, Chemical, Refineries, Petrochemical Gas, Fertilizer Plant, Power Generation Plants (Hydro -Electric & Nuclear) Steel Plants, Allied Industries, Low Steam, Process Industries Etc.

CAST STEEL GLOBE VALVE FLANGED

UTVC make Cast Steel Globe Valve to the highest standards of durability and reliability. Available in three classes (150, 300 & 600). These valves are particularly suitable for Steam, Water, Air, Gas, Oil, Process Mill industries and relatively non-corrosive fluids and are designed for accurate control and regulation of flow.

Manufacturing Standard

BS 1873 ANSI, B16.34/B16.10/B16.5

Size: #150 - 2" to 12", #300 - 2" to 10", #600 - 2" to 6"

ND40 Globe Valve:

Size: ½" to 16" Flanged End

½" to 2" Screwed End But Weld Socket Weld.



CAST STEEL SWING CHECK VALVE FLANGED

UTVC make Swing Check Valve which are used to prevent flow reversal in piping system and also suitable for horizontal and vertical application.

Manufacturing Standard

BS-1868, ANSIB16.10/B16.5/B16.25

Material : WCB, Gr. A216, CF8 304, CF8M 316, WC6 Etc.

Size : ANSI #150 - 2" to 24", ANSI #300 - 2" to 12",

ANSI #600 - 2" to 10"

End Connection : Flanged End, Face to Face distance, Butt Weld dimension.





KNIFE GATE VALVE

Body : Cast Corrosion resistant steels or Cast Iron body to provide resistivity against corrosion for all wetted parts.
 Port Design : Full round Port Design allows high flow capacity and minimum pressure drop.
 End Style : Wafer Design, flange Less, Full Lug or Two Lug Design of Sleek construction for low headroom mountings.
 Drilling : Opinions include ANSI, DIN and BS Standards.
 Choice of Actuators : Hand Wheel, Chain Wheel, Bevel Gear, Pneumatic Cylinder or Electric Motor Actuators.
 Application : UTVC Knife Edge Gate Valves are design for isolation, On-Off and Throttling services in Paper and Pulp Industries, Power Plants, Steel Plants, Cement Plants, Sugar Industries, Chemical and Textiles Processing Industries, Mining, Water and Sewage plants to handle Slurries, Slag, Pulp and Fibrous Materials, Fly Ash, Powders, Clean or Corrosive Gases.

GEAR OPERATOR WITH PNEUMATIC / ELECTRICAL ACTUATOR TYPE BUTTERFLY VALVE

UTVC make Double Flanged Gear Operator Butterfly & Pneumatic Actuator Operator Butterfly Valve engineered for multiple On/Off operations in the large pipe lines and full flow down streams (Double Acting / Single Acting).
 Application : Water Treatment & effluent treatment plants, Breweries, Food processing Industries, Chemical / Petrochemical Industries, Seawater & Brine Pumping.
 Material : C.I, C.S, ASTM A315, Gr. CF-8 / CF8M.
 Face to Face Dimension : BS 5155, ISO - 5752 / API-609 & DIN standard.
 Testing & Pressure Rating : 504 / PN-10, PN-16
 Class : 125/150
 Size : (Actuation by - Hand Lever - 25 DN to 150 DN / Gear Operator DN-200 to 600)
 End Connection : Wafer- Flangeless / Double Flanged.



BUTTERFLY VALVE

Actuator dimensions to ISO 5211
 Flange Butterfly Valves: MSS SP-67
 Water Butterfly Valves: MSS SP-68 or API 609
 Face to face dimensions: ANSI B16.10 MSS SP-67 and MSS SP-68 or 609 Test: API598
 End Flange Dimensions : NPS 1 1/2-24; ANSI B 16.5 NPS 30-72 MSS SP-44 or API 605
 Type of Construction: Flange Butterfly Valves (Hard face and soft face) Wafer Butterfly Valves (Hard face and soft face)
 Type of Connection : R F and RTJ flange ends to ANSI B 16.5 or API 605 and MSS SP-44 standard.
 Type of Operation : Lever, Worm Gear actuator, electric actuator, Pneumatic actuator.





TRUNNION MOUNTED BALL VALVE



Product Feature

Trunnion Mounted Ball Valves featuring with 2-PC or 3-PC split body, trunnion mounted ball, It is ideal for frequent on-off flow control in big size and high pressure pipeline. UTVC Trunnion Mounted Ball Valves are fire safe design.

Product Specification/Models

Size: 2" ~ 12"

Rating: ANSI Class 150LB-900LB

Materials: WCB, LCB, LCC, CF8, CF8M, CF3, CF3M or Equivalent. Actuation: Lever, Gear, Motor, Pneumatic operator.

Design Standard :

Basic Design : BS 5351 Test : API 598, BS 6755, API 607

UTVC series BB ball valves featuring forged steel split body side entry design. Specially designed for high pressure service so as to replace traditional turnnion mounted design to save cost. Upon special request, this series of valve can also designed to have Cryogenic or High temperature service.

TRIAD SERIES - PFS 815

Models LFS/PFS-2000/3000 3 Piece Bodies Stainless Steel & Carbon Steel Full Port / Standard Port Valve.

Sizes: 1/2" through 2"

Pressure Ratings: Model LFS: 2200 psi WOG Model PFS: 2200 psi WOG

LFS & PSF: up to 500 psi WSP

Triad Series ball valves are fire safe to API 607 4th Edition and are designed in accordance with ANSI B16.34 specifications. Features include live loaded Smart Stem seals, a redundant body seal design, anti-static protection, locking safety handles and ISO 5211 Secure Mount Actuator top flange. Hex head cap screw join end connections to the center section. Threaded, weld end, extended weld end and custom end connections are offered.



O- Type Ball Valve

UTVC make O- Type Ball Valve which is reliable Valve for isolation and emergency shud down conditions. Highest popular among automated Valves. Tight Shut off is guaranteed. Suitable for powder & granular fluid as well.

Application: For Air, Chemical, Refineries, Petrochemical Gas, Fertilizer, Plant, Power Generation Plants, Allied Industries, Low Steam, Process Industries Etc.

MOC : ASTM Gr. 216 SS, CF8 304, CF8M 316 Etc.

Type of Connection : Flanged End, Screwed End

Rating : Class #150 / 300 / 800

Design : 1Piece / 2 Piece / 3 Piece

Size : 15 NB to 300 NB (Higher ratings available on request)



TRIAD SERIES - SF 815

UTVC make superior Engineering, compact for long life, low maintenance and economy. Positive shut off, with quarter turn operation. Corrosion resistant materials for a wide range of corrosive fluid handling. Blow out proof stem for safety.

Application : Air, Chemical, Refineries, Petro-Chemical Gas, Pharmaceuticals, Fertilizer Plant, Allied Industries, Low steam, Food & Process Industries Etc.

MOC : A-105, WCB, Investment Casting, SS CF8 304, SS CF8M 316, GM & CI.

Connection : Screwed End, Socket Weld, Butt Weld & Flanged. Drilled to ANSI B 16.5 Standard.

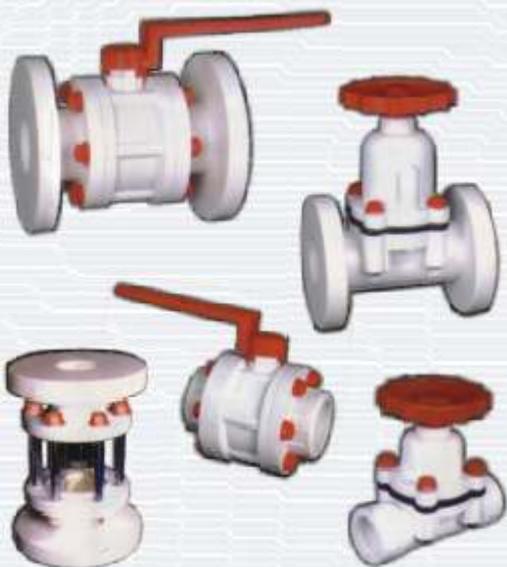
Design : 3 Piece, available full port & regular port can be fitted with actuators.

Rating : Class 150 / 300 & 800

Testing Standard : BS -5146 / API 598

Size : DN 15 to DN 300-FL / DN 15 to DN 50-SE/SW/BW





PP BALL VALVE DIAPHRAGM SIGHT GLASS

UTVC Make
 Material : PP / HDPE / WCB, Cast Iron
 End Connection : Flanged End, Screwed End
 Pressure Rating : ASA 150 'F' Table and Table D. BS - 10
 Size : 1" to 6" in Flange End. 1" to 4" in Screwed End
 Ball Valve Hydraulically tested - Body & Seat at 15 Kg. (225psi)
 Diaphragm End Connection:
 1" to 3" in Flanged End. 1" to 2" in Screwed End.
 Hydraulically tested - Body & Seat at 10 kg. (165psi)
 Application : Chemical, Petrochemicals, Gasses, Pharmaceuticals, Process and Food Industries.

CRYOGENIC BALL VALVES

3 Piece Designed Ball Valve, 1 Piece, 2 Piece, 3 Piece.
 Valve Sizes: 1/2" to 4" Screwed End Socket Weld. 1/2" to 6" Flanged End.
 Rating : Class 800 / 150 / 300 / 600 / 900
 Cryogenic Ball Valves are designed for the production, transportation and storage of liquefied gases and operate in very low temperatures



DUAL PLATE CHECK VALVE

UTVC make in conformance to API-594, Wafe as well as Double flanged design. Metal to Metal to Rubber Seats. All wetted moving parts corrosion resistant. Low pressure force required to open the plates. Plates close smoothly with retardation of flow when the pump is tripped without the aid from reverse flow. Non slamming closure, less prone to maintenance. Avoids water hammer.
 Application : Chemical, Refineries, Petrochemicals, Pharmaceuticals, Fertilizer Plant, Allied Industries, Low Steam, Food & Process industries Etc.
 Pressure Rating : #150 / 300 flange drilling IS1538 / 6392 / 6418 / 4504
 Size : 50NB to 400 NB
 Material : C.I., IS 210, C.S., ASTM A216, S.S. ASTM A351, VF8 / CF8M.



FLUSH BOTTOM VALVE

UTVC make flush Bottom Valve since static pressure of the liquid in the tank acts to increase the contact pressure on the valve seat, it contributes to tight shut off. The soft seating arrangement can be provided. The Plug / disk can be removed extremely without removing the valve plug from the body. This construction permits easy replacement the valve disk in a shot time. The shape of the flow passage to discharge on immense quantity of liquid from a vessel quickly. The internal design does not allow discharged liquid to remain in the valve. The valve plug is so constructed that the liquid is discharged when the valve stem is moved upwards.
 Application : Agro Chemical, Petrochemicals, Pharmaceuticals, Batch Process, Liquid Fluid Etc.
 Pressure Rating : #150 / 300 Class Size : 2" to 12" Flanged
 Material : WCB A216, CF8 A301, CF8M 316
 End Connection : Flanged End, Screwed End.





MULTI-PORT 230 SERIES



Models MPT230/MPC230 3-Way Stainless Steel Standard Port Valve
 Sizes: 1/4" through 2"
 Pressure Ratings: 1/4"-1": 1000 psi WOG 1 1/4"-2": 800 psi WOG

Compact Design Multi-port 230 Series ball valves offer a wide range of flow patterns with 90° and 180° T & L port 3-way balls. Features include a 4th seat to prevent leakage and maintain proper ball alignment, live loaded stem seal, locking handles and ISO 5211 Secure Mount actuator top flange with direct mount capability. Interchangeable threaded and quick clamp end connections are offered.

MULTI-PORT 330/340 SERIES

Models MP330/MPC330 3-Way MPT340/MPC340 4-Way Stainless Steel & Carbon Steel Full Port
 Sizes: 1/4" through 4"
 Pressure Ratings: 1/4"-1": 1000 psi WOG 1 1/4"-4": 800 psi WOG Block Style, Bolted Ends to Body Design.

Multi-Port 330/340 Series ball valves offer a compact, low-profile body design. Flow patterns include 90° and 180° T & L port 3-way balls, and 90°, 180° and 270° 4-way balls. Features include a 4th seat to prevent leakage and maintain proper ball alignment, live loaded stem seal, locking handles and ISO 5211 Secure Mount actuator top flange with direct mount capability. Interchangeable threaded and quick clamp end connections are offered. Cavity filler seats are optional.

SERIES FM-515/FM-513

Models: FM-515/FM-513 2 Piece Bodies Stainless Steel & Carbon Steel Full Port Valve
 Sizes: 1/2" through 12"
 Pressure Ratings: Model FM-515: ANSI Class 150 Model FM-513: ANSI Class 300

See Fire Safe or Non Fire Safe in accordance with ANSI B16.34 specifications. ANSI Class 150 / 300 Flanges are standard. Features include live loaded Smart Stem seals, anti-static protection, locking safety handles and ISO 5211 (1/2"-2") Secure Mount actuator top flange. Larger sized valves feature trunion-type ball support. Special body materials are offered upon request.



SERIES M-515 & M-513/M-516

Model: M-515 & M-513/M-516 1 Piece Bodies Stainless Steel & Carbon Steel Standard Port.

Sizes: 1" through 8"

Pressure Rating: ANSI Class 150 ANSI Class 300 & Class 600

Economical Flanged Valve Series M-51 Ball Valves are available as non-fire safe or fire safe to API 607 4th Edition and are designed in accordance with ANSI B16.34 specifications. These one piece Class 150 end entry flanged valves are an excellent cost effective choice. Features include live loaded Smart Stem seals, anti-static protection, locking safety handles and ISO 5211 (2") Secure Mount actuator top flange. Special body materials are offered upon request.



MULTI-PORT FLANGED SERIES

Models MPF150/MPF300 3 & 4 Way Stainless Steel & Carbon Steel Full Port Valve
 Sizes: MPF150: 1/2" through 12" MPF300: 1/2" through 12".
 Pressure Ratings: MPF150: ANSI CLASS 150 MPF300: ANSI Class 300 Block Style, Bolted Ends to Body Design

Multi-Port Flanged Series ball valves are Side Ported 3 & 4-way ball valves offering excellent versatility for mixing and diverting applications. Flow patterns include 90° and 180° T & L port 3-way balls, and 90°, 180° and 270° 4-way balls. Features include a 4th seat to prevent leakage and maintain proper ball alignment, live loaded stem seal, locking handles and ISO 5211 Secure Mount actuator top flange with direct mount capability.



SERIES S80

Model S80 2 Piece Bodies Full Port Stainless Steel & Carbon Steel Valves
 Sizes: 1/2" through 4 3/4"
 Pressure Rating: 1/2"-4": 1000 psi WOG 150 psi WSP
 Series S80 ball valves have been designed to meet the needs of the chemical, textile and process industries. Features include adjustable stem packing, integrally cast actuator mounting and safety latch handles. Threaded end connections.



INSTRUMENTATION SERIES



Models HP/HX 3 Piece Bodies Standard Port Stainless Steel Valve
 Sizes: 1/4" through 1"
 Pressure Ratings: Model HP: 6000 psi WOG Model HX: 10,000 psi WOG
 For High Pressure Applications Instrumentation Series ball valves offer rugged reliability for high pressure and instrumentation applications. Features include low operating torque, choice of lever or pointer handles and pinned end connections for safety. NPT threaded end connections are standard, female compression fitting ends upon request. Other body materials available upon request. A multi-port version of this valve is also available.

SERIES D601/ C602 PFA LINED BALL VALVE

D601/C 602 is a PFA lined, CS / Ductile Iron, ANSI Class 150 flanged Full Port Ball Valve. It can be equipped with a manual handle or with pneumatic or electric actuators. A full range of accessory items are available including limit switches, solenoid valves, positioners and manual override devices.

Features & Benefits:

Unpigmented PFA liner, PFA liner is "Locked-in" to body, ball, & stem, Full port for unrestricted flow, Rugged & versatile, Anti-blowout stem, Bi-directional laminar flow, Live loading of gland packing, Superior long-lasting shut-off, Superior body joint technology, Reliable for vacuum services, Complete line of accessories.

Materials:

Seats & Seals - PTFE Body, Ball, & Stem - PFA Teflon® Lined, CS, Ductile Iron

Available Actuators:

Electric, Pneumatic (spring return), Pneumatic (double acting), Manual Handle
 Temperature Range: 0 to 400°F Max. Pressure: 275 PSIG

End Connections : ANSI Class 150 Flange (1" to 6")

Typical Applications : Clean Liquids and Gases, Corrosive Liquids and Gases, Hazardous Liquids and Gases, Viscous Liquids, Dry Materials, Food / Pharmaceutical, Vacuum Service .



SERIES AFM-515/AFM-513

Models: AFM-515/AFM-513
 Sizes: 1/2" through 12" ANSI 150lb, 300lb
 UTVC series A ball valves featuring 2-PC split body side entry, very popular design in floating ball valve. UTVC offers 3 main type: Conventional design covers working temperature -46 ~200 ; Cryogenic design covers working temperature -196~ -46 and High performance design covers working temperature 200 ~ 500 .
 Design Standard: BS 5351 Test : API 598, BS 6755, API 607
 Body Materials : Carbon Steel, Stainless Steel
 Trim : A105 + ENP, 13 Cr, F304, F316 .
 Operation : Handwheel, Gear, Pneumatic Operator.
 Design Feature : Full port or reduce port, Fire safe certified, Blowout-proof stem, Anti-static, Low emission control, ISO 5211 top flange, Optional locking device.
 Application : Refinery, Chemical, Petrochemical, Power Plant, Pharmaceutical.





ANGLE & POP TYPE SAFETY VALVE

UTVC make valve housing, made from Heavy Duty Casting, provide on Valve Body for suitable easy installation. Seats lapped to optical flatness. Dual control rings offer easy adjustability for opening and exact blow down control. Clack reduces sliding area and friction. Heavy Duty lift lever assembly. Every Valve is 100% tested inspected for pressure seating blow down and leakage. All adjustable are sealed to prevent disassembly.

Mfg. Standard : BS 6257

Tested as per API 527



BASKET TYPE & Y TYPE STRAINER

UTVC manufacture a wide range of Strainers to cater to the versatile need of the process and chemical industries. Rigid in construction with full port filter elements are the distinguishing feature of these Strainers. General material are CI, CS, SS - 304 / 316 G.M. Brass etc. with SS-316/304 and Brass mesh. The sizes range from 15 NB to 50 NB in screwed connection and 25 NB to 350 NB in flanged connection, in 150 and 300 ratings and sloped to 45° with cap and draining plug. special application Ball Valve is provided optional to the plug. Hinged type cap is provided which remains attached to the body, flange connection B.S. ANSI PN-10, DIN, JIS and IS or as per clients specifications.

SAFETY RELIEF VALVE

A safety valve is a valve mechanism for the automatic release of a gas from a boiler, pressure vessel, or other system when the pressure or temperature exceeds preset limits. It is part of a bigger set named Pressure Safety Valves (PSV) or Pressure Relief Valves (PRV). The other parts of the set are named relief valves, safety relief valves, pilot-operated safety relief valves, low pressure safety valves, vacuum pressure safety valves.

Safety valves were first used on steam boilers during the industrial revolution. Early boilers without them were prone to accidental explosion.

Size : ½" to 10" Rating : Class 150 / 300

Material : CS, SS, WCB 304/316



THERMODYNAMIC STEAM TRAP TD-3

Features:

MOC CA 40 for better mechanical properties & corrosion resistance. Maximum allowable pressure - 55kg cm² (g). Inbuilt strainer to protect trap from contamination. Hardened stainless steel seat and disc for extended service life. Trap will function in any orientation (horizontal preferred). Ideal for fluctuating load and pressure. Replaceable stainless mesh.

Thermodynamic steam has cyclic On-Off operation, with a disc that is pushed open by incoming condensate and closes tightly with steam tries to escape. Best suited for steam header, main line drainage and tracing application.

Minimum differential pressure for satisfactory operation 0.255 kg/cm²

Maximum operating back pressure at outlet should not exceed 80% of the inlet pressure.

Optional Fittings:

Blow down valve, Customised flanged connection (specify size Face to Face Dimensions)



DOUBLE WINDOW SIGHT GLASS

UTVC Double Window Sight Glass are fabricated type window sight glass for application over a wider range of pressure and temperature. Specially designed anti-torque assembly is used in the view glass housing for longer life of the view glass and preventing any kind of damage during installation and replacement of the view glass. Sight glass is provided with unique in-built deflectors for better visibility of flow. Most suitable for high temperature and pressure application with GMP compliance.

Available Sizes: 15,20,25,40,50,65,80,100,125 & 150 NB as standard size.

End Connections: Flanged to ANSI 150# as Standard and other end connections on request.

Limiting conditions: Max Operating pressure 21 kg/cm².

Max Temperature 232 OC. Cold Hyd. Test Pressure 42 bars.

FULL VIEW SIGHT GLASS

UTVC MAKE 360° FULL VIEW SIGHT FLOW INDICATOR comes with a specially designed split bush arrangement. Housed inside a rigidly designed cage, the split bush design enables the glass to remain practically floating without any direct contact with the end flanges. This eliminates all chances of any kind of thrust force on the sight glass due to the pipe stresses and thereby a highly enhanced view glass life. Other special characteristics include all nonmetallic wetted parts and transparent protective shielding of the glass tube from the outside for observation safety.

Available Sizes: 15,20,25,40,50,65,80,100,125 & 150 NB As standard size.

End Connections: Flanged to ANSI 150 class.

Limiting conditions: Max. Operating pressure 7 kg/cm².

Max Temperature 200 OC.



**TRUE
DEFINITION OF
SAFETY & RELIABILITY**



OFFICE CUM FACTORY

A.G. Golatkar Compound, Gala No. 1, Behind Shil Octroi Office, Mhape Road,
Shil Phate, Thane - 400 612.(INDIA) Tel.: +91 22 2549 0125 Telefax : +91 22 2549 1420
Email : info@usmanivalve.com / utvc23@rediffmail.com / utvc2002yahoo.com
Website : www.usmanivalve.com