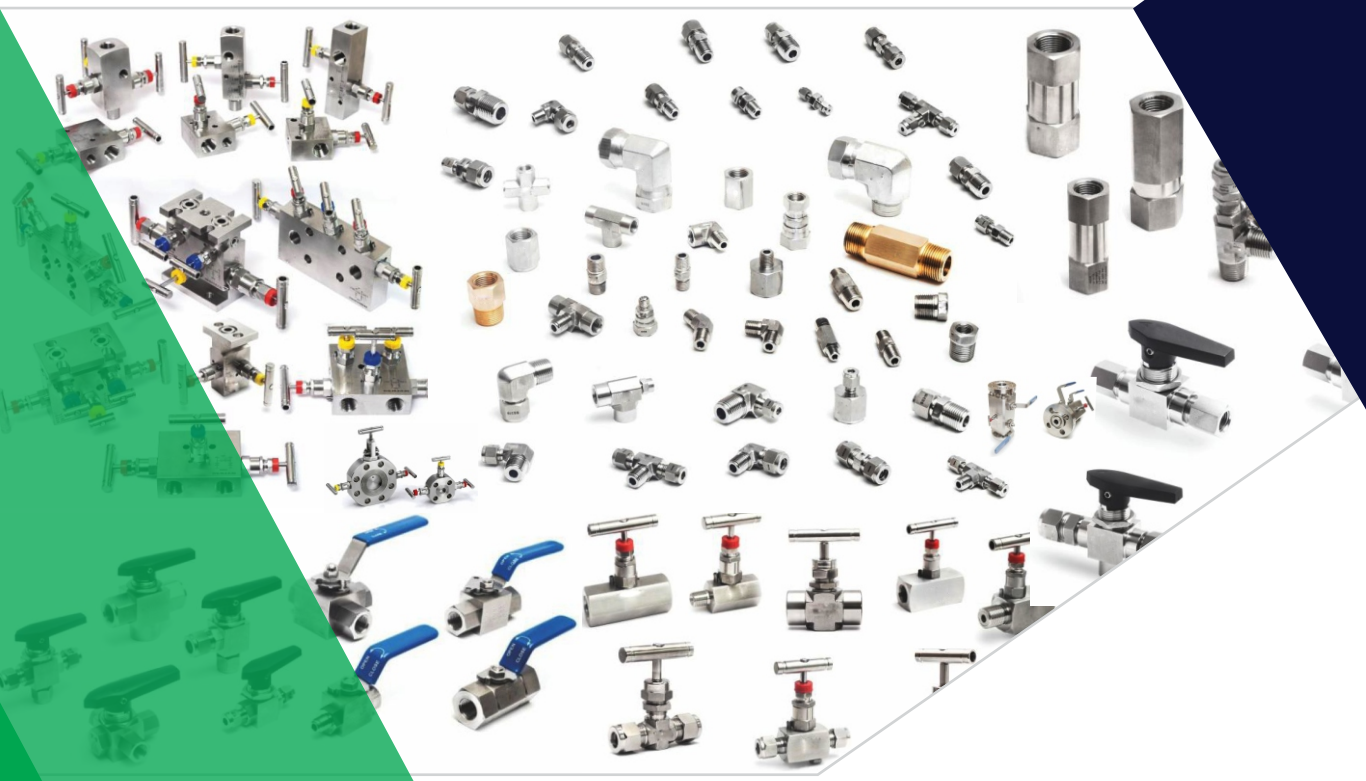
Ventil
FlowServe



Manufacturer & Exporters of

INSTRUMENTS FITTINGS, VALVE & MANIFOLDS

Products

www.ventilflowserve.com

Ventil
Flow Serve



Welcome To Ventil Flow Serve

Established in the year 2013, **Ventil Flow Serve** is one of the prominent manufacturer and supplier of superior quality Industrial-Instrumentation Valves and Fittings. Our offered complete Industrial and Instrumentation Valves product range. These products are manufactured from the best quality raw material in total adherence to the set industry parameters and norms. We have modern manufacturing unit that is fully laced with new technology based machinery and tools. Besides, all manufacturing process is executed under strict guidance of well experienced professionals. Moreover, we consider only optimum grade raw material in the manufacturing process of offered products.

As far as quality is concerned, we assure that offered products undergo continuous supervision and strict quality checking before they are dispatch to our customers end. Under the dexterous leadership of our mentor, Mr. Ketul Patel, we have been able to catch streamlined growth path of our success. Applying to ethical business practices coupled with focus on quality oriented approach; we have established a reputed name across the country.

Infrastructure

We have a fully equipped and functioning factory encompassing an area of around 10,000 sq.ft. and are geared with the state of the art machineries, which, includes :

- CNC Turn - Mill Centers.
- CNC Turning Centers.
- CNC Milling Centers.
- CNC Band - Saw Machines.
- Conventional Lathe and Drill machines.
- Semi - Automated Traub machines.

The Facilities available at **Ventil Flow Serve** functions to ensure that the quality is never comprised. Other

- Design & testing Facilites.
- Pneumatic testing up to 2000 Psi.
- Hydraulic testing up to 60000 Psi.
- Hardness testing.
- Ultrasonic Cleaning.
- Laser Marking.

SCADA Multi Test (mentioned below) bench for testing Facilities as per ASTM F1387 for Mechanically Attached Fittings :

- Pneumatic Proof Test.
- Hydrostatic Proof Test.
- Impulse Testing.
- Flexure Fatigue Testing.
- Tensile Pull - Out Test.
- Hydrostatic Burst Testing.
- Rotary Flexure Testing.
- Vibration Testing Equipment.
- Elevated TEmperature Soak Test.
- Vacuum Testing.

Instrumentation Tube And Pipe Fittings



Features :

- Rugged Forged Body or Bar Stock body construction
- Variety of End Connections: 1/8” to 1” Ferruled Tube Fittings and up to 2” Threaded Pipe End Connections
- Materials of Construction: SS 316, Brass, Inconel, Alloy-400, Hastelloy - C276 etc.
- Working Pressures: Upto 10000 PSI in Tube Fittings and 20000 PSI in Pipe Fittings
- NACE Certification available upon request
- Complete Heat Code traceability

Instrument Valve Manifolds



2 Valve Manifold, 3 Valve Manifold, 5 Valve Manifold

Features :

- 2 Valve Instrument Manifolds designed for Liquid Level and Static Pressure applications.
- 3 and 5 Valve Instrument Manifolds designed for Differential Pressure Applications
- Rugged One - Piece Forged Body construction
- Maximum working pressure up to 6000 PSI (413 bar) at 38 C (100 F) with PTFE Stem packing.
- Temperatures up to 640 C / 1200 F with Graphite stem packing (M & MV Series only)
- Metal to metal Bonnet to Body Seal
- Flange design as per MSS - SP - 99
- Standard Flange Seal is PTFE and Graphite for High Temperature applications.
- MOC: SS 316L, Carbon Steel, Monel - 400 and Inconel etc.
- Optional Sour Gas service available conforms to N.A.C.E. MR-01-75-90

Needle Valves

IB Series - Integral Bonnet
HB Series - Hex Body
SB Series - Square Body
UB Series - Union Bonnet

Features :

- Rugged One - Piece Compact Forged Body construction for High Strength and Easy Maintenance
- Straight and Angle Flow Pattern
- Materials of Construction: Stainless Steel, Carbon Steel, Brass, Inconel, Alloy 400, Hastelloy etc.
- Working Pressures up to 6000 psig (413 bar) at 200 C
- Variety of End Connections: T&B Single/Twin Ferrule Tube End, NPT, ISO, DIN and JIS pipe threaded
- Size Range: 1/8" to 1" Tube End and Male/Female Threaded
- Pipe End Connections



High - Pressure Needle Valves

NV10 Series
Nv20 Series

Features :

- Rugged One-Piece Compact Forged Body construction for High Strength and Easy Maintenance
- Straight and Angle Flow Pattern
- Materials of Construction: Stainless Steel, Carbon Steel, Brass, Inconel, Alloy 400, Hastelloy etc.
- Annealed bodies conforming to NACE MR-01-75 for Sour Gas Service Application
- Working Pressure up to 1420 BAR (20000 PSI) at 100 C (212 F)
- End Connections: 1/4", 3/8", 1/2" and 9/16" High Pressure Tube Fittings : 1/4", 3/8" and 1/2" NPT or ISO Male/Female Pipe Threaded Ends.



Multi - Application Ball VAlves



Ds6 Series **CS6 Series** **LH6M Series**
Lh6 Series **LH10 Series** **HB6 Series**

Features :

- 3-Piece Compact Design, Precision Machined and Rugged Construction
- Full / Reduced Bore for High Flow Capacity
- Working Pressure: Upto 710 BAR (10000 PSI)
- Temperature Range: -39 F to 300 F (-39 C to 150 C)
- Variety of Materials: SS316, Hastelloy, Inconel, Brass, Alloy 400 and Carbon Steel etc.
- Annealed bodies conforming to NACE MR-01-75 for Sour Gas Service Application
- All vetted parts are compatible with CNG (Compressed Natural Gas) and H2 (Hydrogen)
- Pneumatic and Electric Actuation options available
- Series of End Connections: T&B Single/Twin Ferrule Fitting End, NPT, ISO, DIN and JIS Pipe Threaded
- Size Range : 1/8" to 1" and 3mm to 25mm Tube Ends : : 1/8" to 1" Male/Female Threaded Pipe Ends

Trunnion Ball VAlves



Tb6 Series
TB10 Series

Features :

- Robust Trunnion Ball construction and Compact Design
- Trunnion type Ball provides Low Operating Torque and prevents Ball Blow-Out
- 2-Way Open-Shut and 3-Way Switching Models.
- Quick bubble tight Shut-off and Switching functions in open & shut services
- Pressures up to 10000 PSI (710 bar)
- Temperature range: – 40°C to 93°C (– 40°F to 200°F)
- End Connections: 1/4" to 1/2" and 6mm to 12mm T&B Twin Ferrule Tube Fitting Ends
  1/8" to 1/2" NPT female threaded ends

Check, Relief & Non - Return Valves

Features :

- Soft Seat for Bubble Tight shut-off
- Heavy duty, corrosion resistant springs for long life
- Large Orifice for maximum flow and low Pressure drop
- Pressure Rating :
  6000 PSIG (400bar) at 200° C with VITON Seals
- 1/4" to 1" NPT, BSP Male or Female threaded ends, or double ferruled tube fitting ends
- Variety of Materials :
  Stainless Steel, Carbon Steel, Brass, Hastelloy C-276, Inconel
  625 and Alloy 400 etc.
- 100 % Pressure tested for Crack and Reseal performance as per MSS-SP-99.



Double Block & Bleed Valves

Features :

- Compact Design: Ball-Needle-Ball configuration.
- Single/Three-Piece bolted body construction
- Fire Safe as per API 6F A
- Connection types: Flange x Flange, Flange x Thread in accordance with ASME B16.5 RF and RTJ
- Anti Blow-Out, Non-Rotating 440C Ball Tip Stem Assembly.
- Working Pressures Range: Class 150 to Class 2500 in accordance with ASME B16.5
- Materials of Construction: Stainless Steel, Super Duplex, Duplex, Monel 400, Hastelloy, Inconel, etc.



Monoflange Valve



Features :

- Process Monoflanges replace multivalve assemblies with single, Flange Mounted Manifold configurations.
- Compact and Light Weight Design.
- Outside Screw and Yoke (OS&Y) / Screwed Bonnet configurations available.
- Fire Safe tested in accordance with BS6755 part II
- Anti Blow-Out, Non-Rotating 440C Ball Tip Stem Assembly.
- Working Pressures Range: Class 150 to Class 2500 in accordance with ASME B16.5
- Materials of Construction: Stainless Steel, Super Duplex, Duplex, Monel 400, Hastelloy, Inconel, etc.

Fitting

- Double Compression Fittings
- High Pressure Pipe Fittings
- 37 Degree Flare Fittings
- Precision Pipe Fittings

Valves

- Ball Valves
- Bleed Valves
- Check Valves
- Pressure Relief Valve
- Needle Valves
- Manifold Valves

Accessories

- Air Header Distributor
- Air Header Distributor Pipe
- Condensate Pot
- Gauge Cock
- Over Load Protector
- Pulsation Dampner Snubber
- Sampling Cylinder
- Syphone



Ventil
FlowServe

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