



# GLOBAL<sup>®</sup>

VALVES AND FITTINGS CO.

**GLOBAL<sup>®</sup>**  
VALVES AND FITTINGS CO.  
**Advance Technology to Control**

**GLOBAL VALVES AND FITTINGS (INDIA) PRIVATE LIMITED**  
(AN ISO 9001:2015 Certified Company)

[www.globalvalvesfittings.com](http://www.globalvalvesfittings.com)



UNIT - I



UNIT - II

**GLOBAL VALVES & FITTINGS (INDIA) PVT. LTD.** is an ISO 9001: 2015 certified company with more than 3 decades of high-quality Specified Product manufacturing experience.

We take immense pride in our products with a dedicated team of professionals in the Design & Development of instrumentation Valves & Fittings under high pressure and temperature environments at the most competitive pricing in the Industry. We are specialized in manufacturing High & Medium Pressure Valves, Needle Valves, Ball Valves, Double Ferrule Fittings, Pipe Fittings, Check Valve / NRV, Valves Manifold, Thermowell, Pressure Regulators & allied accessories.

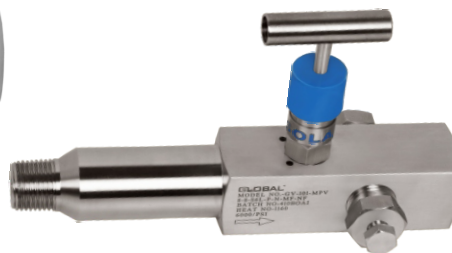
A total TQM approach: Quality assurance process in place in order to streamline all Procedures & Practices in our operations to achieve extremely high standards of efficiencies. Each manufactured product goes through extreme rigours of stage-wise quality check educing repeat orders from our clients in the field of Oil & Gas Industries, Water Treatment Plants, Pharma Industries, Automation Machinerics, Hydraulic Press & Power Packs, Pollution Control Equipments, Marine, Petrochemical and Power Generation application.





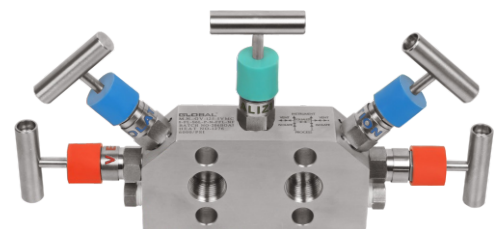
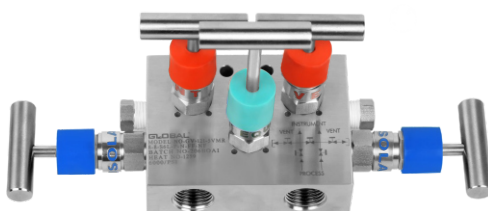
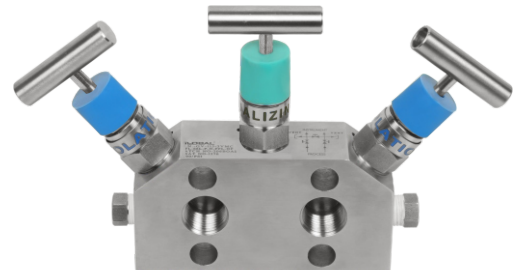
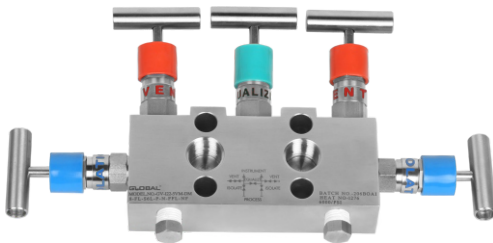
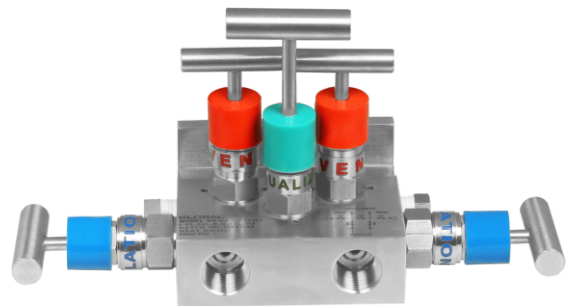
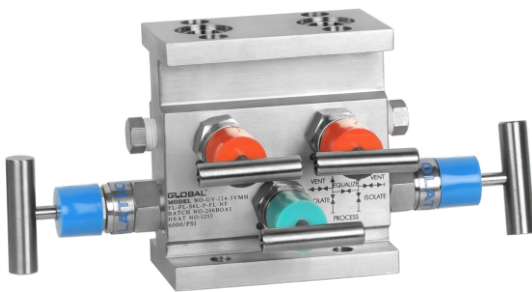
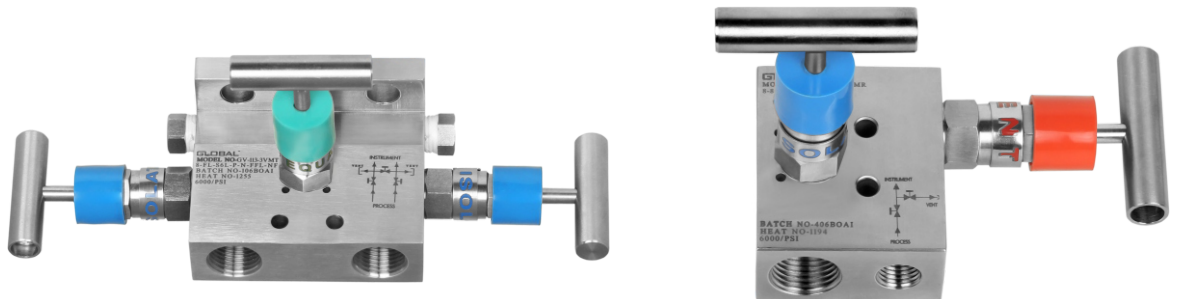
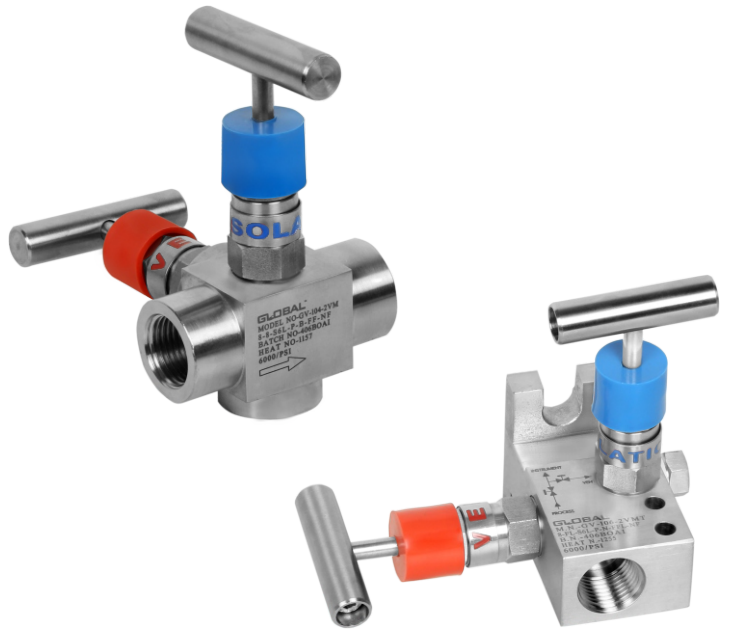
# NEEDLE VALVES & GAUGE ROOT VALVES

- Maximum Working Pressure up to 10000 psi (689 bar)
- Working Temperature: up to 464°F (240°C) with PTFE packing up to 842°F (450°C) with Graphite packing
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Adjustable packing to extend service life.
- Size: 1/4 ~2" pipe thread 3~25mm OD, 1/8" ~1" OD
- Leak tight performances testing for every valve with nitrogen / air at the maximum working pressure
- Panel Mountable(optional)
- Low Operating Torque
- Forged Body Straight & angle pattern.
- 100% factory tested
- Material Traceability



# MANIFOLD VALVES

- Maximum Working Pressure up to 10000 psi (689 bar)
- Working Temperature:  
65°F (-54°C) to 464°F (240°C) with PTFE packing  
65°F (-54°C) to 842°F (450°C) with Graphite packing
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Available with Pipe to Pipe, Pipe to Flange, Flange to Flange, Remote, Remote Mounting base
- Vent, Direct and Integral Mounting
- Standard Non-rotating trim
- Low Operating Torque
- One piece high strength bar stock and forged body
- 100% factory tested
- Material Traceability



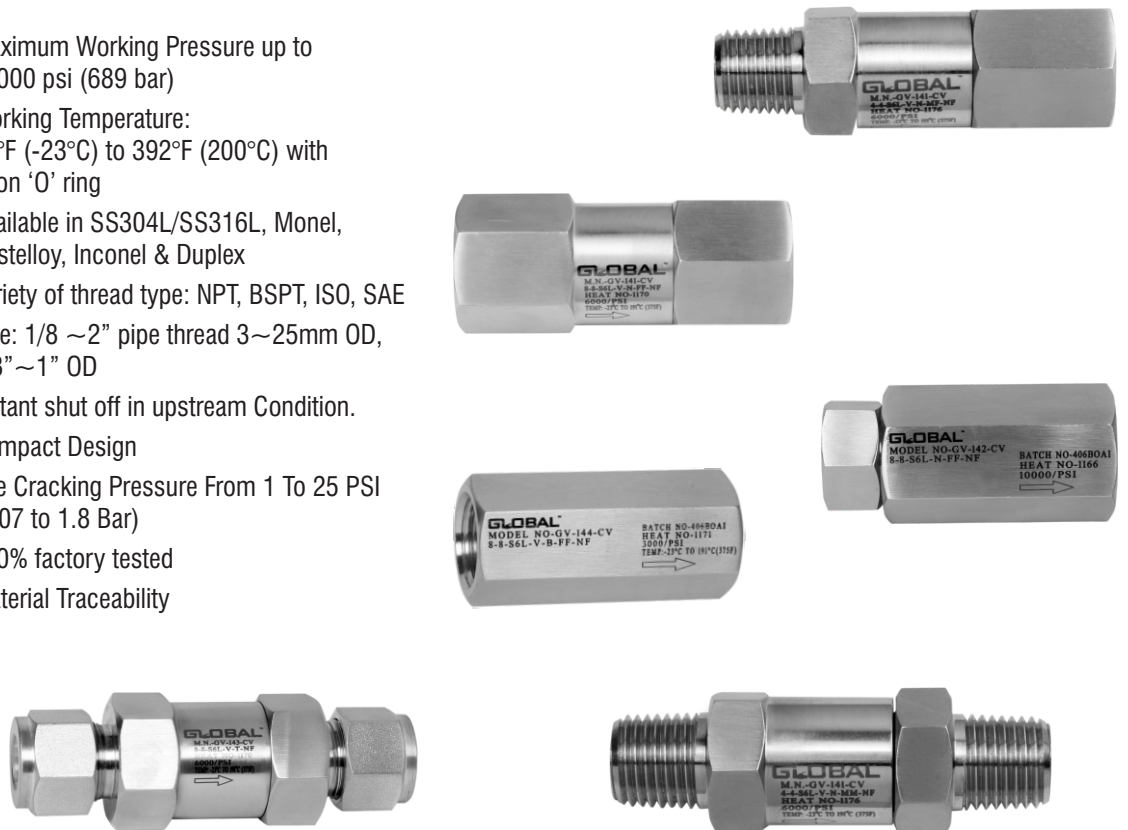
# MONOFLANGE VALVES

- Maximum Working Pressure up to 10000 psi (689 bar)
- Working Temperature:  
65°F (-54°C) to 464°F (240°C) with PTFE packing  
65°F (-54°C) to 842°F (450°C) with Graphite packing
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Available with Pipe to Pipe, Pipe to Flange, Flange to Flange, Remote, Remote Mounting base
- Vent, Direct and Integral Mounting
- Standard Non-rotating trim
- Low Operating Torque
- One piece high strength bar stock and forged body.
- ANSI B16.5 Flanged Connections 1/2" To 2".
- Class150 Rated to Class 2500 Rated
- 100% factory tested
- Material Traceability



# CHECK VALVES

- Maximum Working Pressure up to 10000 psi (689 bar)
- Working Temperature:  
10°F (-23°C) to 392°F (200°C) with Viton 'O' ring
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Variety of thread type: NPT, BSPT, ISO, SAE
- Size: 1/8 ~2" pipe thread 3~25mm OD, 1/8" ~1" OD
- Instant shut off in upstream Condition.
- Compact Design
- The Cracking Pressure From 1 To 25 PSI (0.07 to 1.8 Bar)
- 100% factory tested
- Material Traceability



# BALL VALVES

- Maximum Working Pressure up to 10000 psi (689 bar)
- Working Temperature:  
up to 212°F (100°C) with Delrin packing  
up to 464°F (240°C) with PTFE packing  
up to 842°F (450°C) with PEEK packing
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Size: 1/4 ~2" pipe thread, 3~25mm OD & 1/8"~1" OD
- Leak tight performances testing for every valve with nitrogen/ air at the maximum working pressure
- 100% factory tested
- Panel Mountable(optional)
- Low Operating Torque
- Floating ball design for positive sealing
- Material Traceability
- Compact design
- Single piece design and Three piece design
- 2 Way, 3 Way & 5 Way



# RELIEF VALVES

- Maximum Working Pressure up to 8000 psi (552 bar)
- Working Temperature from -22°F (-30°C) to 392°F (200°C)
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Size: 1/4" ~1" pipe thread  
6mm ~25mm OD, 1/4"~1" OD
- Set Pressure from 10 to 6000 psi (3.4 to 414 bar)
- Multiple springs for a wide range of set pressure
- Easy external pressure adjustment
- Label identifies the set pressure range
- Compact Design
- 100% factory tested
- Material Traceability



# FORGED FITTINGS

- Used for Process Control Connections Between Pipe .
- Machined from forging for shaped fittings & from Bar Stock for Straight fittings.
- Available in ASME/ASTM SA/A182 (F304, F304L, F316, F316L, F321, F11, F22)
- Pressure Rating 3000LBS, 6000LBS & 9000LBS
- Size - 1/8" - 2" Pipe
- Variety of end Connections Threaded, Socket weld & Butt weld will be as per ANSI B16.11



# PRESSURE REGULATORS

- Pressure Regulator are available in SS316L
- Available with a variety of porting and material options.
- Piston sensed design in safe and reliable
- Maximum working pressure up to 6000 psi (414 bar)
- Adjustable stop limits maximum outlet pressure
- Low operating torque
- 100% factory tested
- Material traceability
- Back pressure, Single stage & Double Stage



# SWIVEL FITTINGS

- Used for process control and Hydraulic Connections
- Machined from forgings for shaped fittings and from bar stock for straight Hydraulic connectors
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Variety of thread type: NPT, BSPT, ISO, SAE
- Male threads are capped for protection
- Sizes: 1/8"~2" pipe.
- Pressure Rating up to 10000 psi
- Material Traceability



# 37° FLARE FITTINGS

- Machined from forgings for shaped fittings and from bar stock for straight Connectors
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Variety of thread type: NPT, BSPT, ISO, SAE
- Male threads are capped for protection
- Sizes: 1/8"~2" pipe
- Pressure Rating up to 10000 psi
- Material Traceability



# HOSE FITTINGS

- Used for process control and Hydraulic Connections
- Bar stock for straight & Bend Hydraulic connectors
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Variety of thread type: NPT, BSPT, ISO, SAE
- Male threads are capped for protection
- Sizes: 1/8"~2" pipe
- Pressure Rating up to 10000 psi
- Material Traceability



# CONDENSATE POTS

- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Small thin design & light weight design allows you to combine with other valves in series for safe shutoff
- End connection NPT, SW as per ANSI B2.1 & B16.11
- Wall thickness schedule 40, 80 & 160
- Maximum working pressure up to 10000 psi (689 bar)
- Size ranging from ½" to 2"
- 2 Port, 4 Port, 6 Port, 8 Port, 10 Port
- 100% Radiography of pipe joints
- 100% factory tested
- Material traceability



# AIR HEADERS

- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Variety of end connections - Threaded, Flanged, Socket Weld, will be as per ANSI B16.11
- 100% Radiography of pipe joints.
- Fabrication as per ASME SEC VIII DIV 1 ED
- 4 port ,6 port,8 port,10port
- Material traceability



# THERMOWELLS

- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Various range - Threaded, Flanged, Socket weld, Tapered & Straight
- Instrument connection - ½" NPT / NPSM
- Insertion length (U) up to 28"
- One piece construction
- Other thread sizes available upon request
- Material traceability



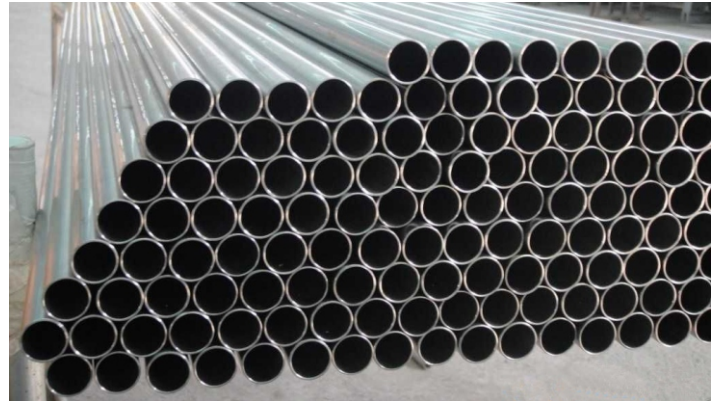
# PRESSURE GAUGE ACCESSORIES

- Machined from forging for shaped fittings & from Bar Stock for Straight fittings
- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Variety of Thread Type NPT, BSPT, ISO, SAE
- Size - 1/8" - 1" Pipe
- Pressure Rating up to 6000 psi
- 100% Factory Tested
- Material Traceability



# TUBES

- Available in SS304L/SS316L, Monel, Hastelloy, Inconel & Duplex
- Size - 1/8" - 1" Pipe & 3 mm To 25 mm
- Material Traceability



# OUR CLIENTS



ऑयल इंडिया लिमिटेड  
Oil India Limited



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#### IMPORTANT NOTICE:

- The product data in this catalogue was obtained under specific test conditions that may vary substantially from actual site conditions and / or customer needs.
- Purchasers or other end users of our products should rely solely on their system design engineers while selecting products for a particular system, and when determining the suitability of any system in which our product is to be installed.
- The company shall bear no liability regarding product selection criteria or decisions, nor shall be liable (including direct, special or consequential damages including, but not limited to, lost profits or income) in regard to any product which has been damaged by misuse, improper handling or accident, or as a result of service or modification by anyone other than an authorized employee or agent of our company, or being subjected to use under conditions, or combinations of conditions, that are not compatible with that particular product.

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