



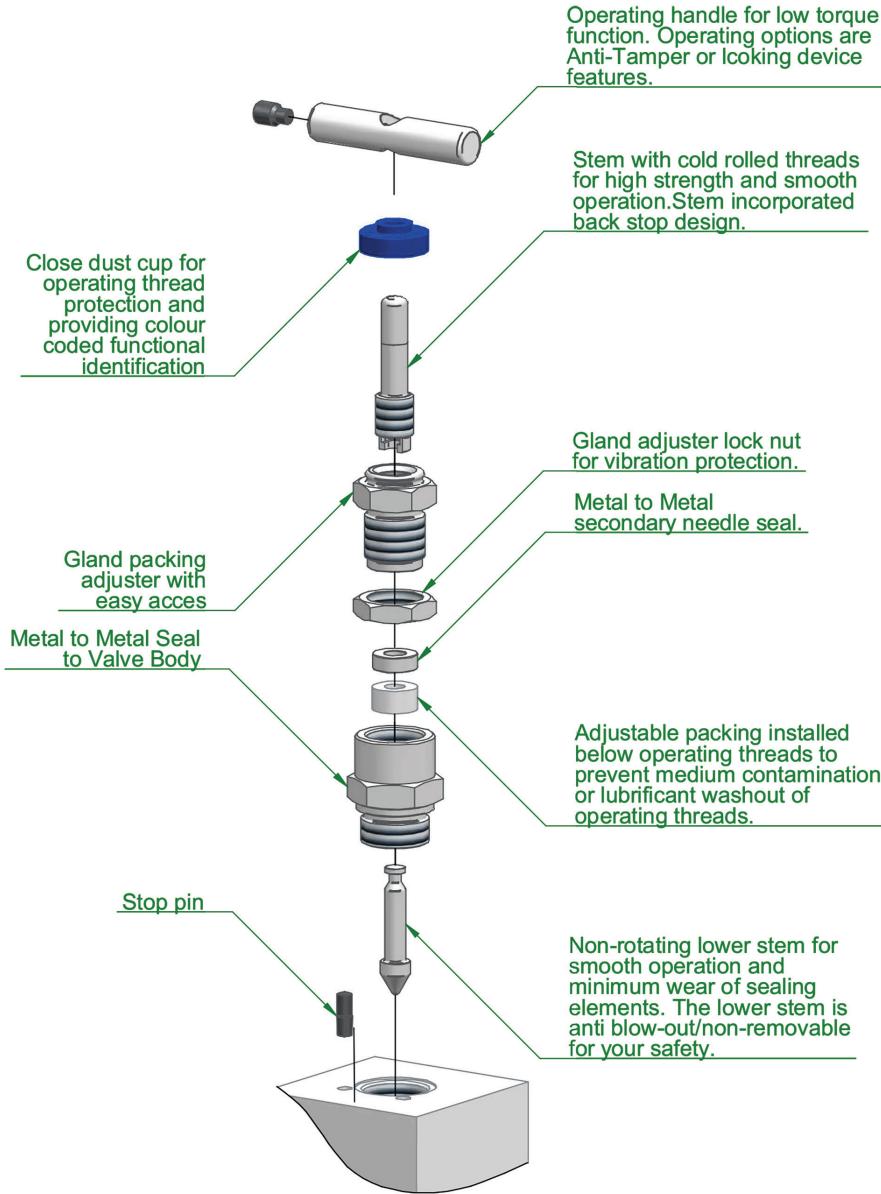
I.T.E. is an Italian company established in 1998 from the merge between 2 companies, one specialized in trading and one in machining activities, both operating in the Oil & Gas field since 1980. I.T.E. is one of the largest Italian and European manufacturers of valves and fittings for the installation of industrial instruments, mainly in O&G and Energy sectors, with a huge production of: **Needle Valves, Instrument Manifolds, Ball Valves, Pots & Siphons, Compression fittings, Check Valves, Forged Globe Needle Valves, Adapters/Fittings, Fire Sensors, Sampling Systems, Protection Boxes.**

I.T.E. is specialized also on tailor-made solutions, on request complete packages can be provided to meet customer's needs.

I.T.E. is a flexible and customer oriented company, the manufacturing plant is equipped with different CNC machines, automatic welding machines and an automatic warehouse with different semi-finished standard products, this structure allows us to be reliable partner with a fast response to the customer needs.

I.T.E. products are 100% engineered, manufactured, assembled and tested in Italy, all products have the traceability system so that we are able to provide the best assistance to customers also specially during maintenance activities providing the right product/component.

Bonnet is specifically designed for operation with any fluid up to 10.000 PSI rating. Complete with standard PTFE gland packing and self centering non rotational tip, it guarantees total sealing efficiency during service operations. In addition to standard version, I.T.E. provides variants with locking system or anti-tamper configuration.

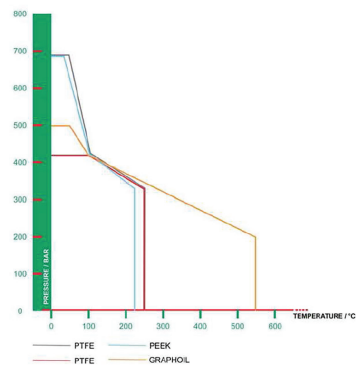


| SPECIFICATION | |
|---------------|---|
| • | Maximum standard pressure up to 6.000 psig (414 barg). |
| • | Maximum optional pressure up to 10.000 psig (689 barg). |
| • | Temperature range -54°C to +530°C |
| • | PTFE standard gland packing (Graphoil optional). |
| • | Max. temperature PTFE 260°C. |
| • | Max. temperature Graphoil 530°C. |
| • | Low operating torque. |
| • | Packing below threads to prevent lubricant washout. |

OPTIONAL CONFIGURATION



PRESSURE - TEMPERATURE



NEEDLE VALVES



DESCRIPTION

Manual IN/OUT valve is designed for the interception of fluids or gases at pressures of up to 10,000 PSI.

BLOCK & BLEED VALVES



DESCRIPTION

Manifolds are made with threaded inlet and outlet connections. They consist of one or two process shut-off valves and an exhaust valve for zeroing the instrument.

GAUGE VALVES



DESCRIPTION

Manual male/female IN/OUT valve, designed for direct installation onto a measuring instrument, with drainage possibilities.

2/3/5 REMOTE MANIFOLD VALVES



DESCRIPTION

Manifolds are made with threaded inlet and outlet connections that allow it to be installed anywhere in the system.

DIRECT MOUNT MANIFOLD TO ALL TRANSMITTERS BRAND

DESCRIPTION

Manifolds are made with threaded inlet and instrument connections that allow it to be installed onto pressure/DP transmitters.



DIFFERENTIAL PRESSURE GAUGE MANIFOLD

DESCRIPTION

Manifolds are made with threaded inlet and outlet connections that allow it to be installed pressure gauges or transmitters.



6000 PSI & 10,000 PSI BALL VALVES

DESCRIPTION

Manual ball valve is designed for the interception of fluids or gases at pressures of up to 10,000 PSI.



FEMALE & COMPRESSION BALL VALVE

DESCRIPTION

Manual ball valve is designed with panel mounted option for the interception of fluids or gases at pressure of up to 6000 PSI.



CHECK VALVES



DESCRIPTION

Manual valves designed for allowing flow in one direction, closing the position when flow reverses. Pressure up to 10,000 PSI with female or compression ends connection.

DISTRIBUTION MANIFOLD



DESCRIPTION

Manifolds are made with threaded inlet and outlet connections that allow it to be installed anywhere in the system.

MONOFLANGES



DESCRIPTION

Monoflanges are design to replace conventional multiple-valve installation mean for pressure measuring system.

CONDENSING POTS/AIR HEADERS SIPHONS



DESCRIPTION

Design to be used to trap any foreign material from pipeline preventing damages to instrumentation components.

DOUBLE FERRULE COMPRESSION FITTINGS

DESCRIPTION

Fittings with twin female designed as leak-free connections to tubings for instrumentation applications.



INSTRUMENT PIPE FITTINGS

DESCRIPTION

Pipe fittings helps in pipe routing for directional changes, size changes and branch connections.



FUSE CAP

DESCRIPTION

Fire sensor fuses are utilized in pneumatic fire detection system.



SAMPLING SYSTEMS

DESCRIPTION


Customize according to customers requirement for withdrawing sample of fluid or gas to the laboratory without having to stop the system.



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