

Pulsation Dampners

Advantages

- Compact Design
- Automatic Positive Action
- IN-Line Installation
- Repeatable performance
- Prevents Damage To Gauge Due To Sudden Surge

Technical Features:

Universal Pulsation Dampener should be used when pressure gauge is subjected to rapid pressure fluctuations which make the pointer vibrate and difficult to read. It is unique combination of Ball Check Cut Off and a Fine Thread Chock Valve .



After installation of the dampener, the fine thread chock valve should be adjusted to reduce pulsation in the line and pointer vibration. Dampener can also be used as Shut Off Valve by adjusting thread chock valve to maximum to achieve absolute isolation of the gauge from line. For cleaning the dampener, remove the ball check screw from the base by means of an Allen key , and fine thread screw and locknut from the side. Metal parts should be cleaned in commercial solvent.

Typical Applications

In pulsating line pressure, to protect gauge from sudden surge pressure.

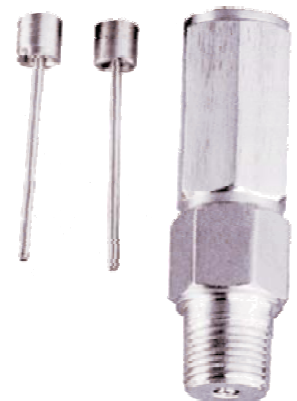
Pressure Snubbers

Advantages

- Compact Design
- Automatic Positive Action
- IN-Line Installation
- Repeatable performance
- Prevents Damage To Gauge Due To Sudden Surge

Technical Features:

To save the instruments from getting damaged due to severe line pulsations and pressure surges, to protect the accuracy and to increase the life of the instrument, it is necessary to install these protective devices along with the instruments.



Each snubber is supplied with pistons of three different diameters. Depending on viscosity of the fluid and amount of dampening desired, piston size should be selected. Each piston is marked with numbers 1,2 and 3. Piston 1 should be used with fluid having less viscosity or where higher dampening is required. Piston 3 should be used where fluid viscosity is more or where less dampening is preferred.

Piston 2 is installed when snubber is supplied from the factory. Pistons are easily interchangeable. The snubber is completely self cleaning, as the piston moves up and down with the line pulsations it automatically forces out any sediments that might clog instrument.

Snubbers can be used for pressure, Vacuum or compound gauges and material should be selected depending on application.

Typical Applications

In pulsating line pressure, to protect gauge from sudden surge pressure.

* Specifications may be modified without prior notice. Please contact & confirm before placing order

Dynamic Gauges Pvt. Ltd.

Gauge Savers

Advantages

- Compact Design
- Automatic Positive Action
- IN-Line Installation
- Repeatable performance
- Prevents Damage To Gauge Due To Sudden Surge

Technical Features:

Our Gauge Saver is also sometimes called as Over Load Protector. It cuts off pressure rises above the desired pressure value (pre-set value) thus preventing failure of pressure gauge and stops possible damages such as hazardous leakages, explosions etc.



The Gauge Saver shuts off the system with quick and positive action of built in push-rod device. As and when, the pressure falls below the pre-set pressure value, the line and/or the pressure gauge is automatically put in to operation again. The Gauge Saver is of extreme importance and necessity for the protection of the pressure sensitive instruments against over pressures, sudden line induced pressure surges which are principal causes of the instrument and subsequent system failure. The Gauge Saver can be supplied to function at different cut-off pressure values on special request.

Installation and Maintenance Instructions:

Gauge Saver is to be installed in line with the instrument to be protected in any position (vertical or horizontal) as required. The automatic cut-off point can be adjusted by loosening the cap-screw and turning-in to increase cutoff pressure or turning -out to reduce cut-off pressure. Once this adjustment for cut-off pressure is completed, the cap screw should be locked with the lock-nut. For the protection of the systems against over-pressure, it is necessary to have a separate signaling device (such as a signal lamp alarm system actuated by a micro-switch) which on over pressures, will be operated by the push-rod of the Gauge Saver.

The repeat accuracy of the unit depends on the rate of pressure rise. However, an accuracy of $\pm 10\%$ of the set pressure may be expected.

Typical Applications

To protect gauges against over-pressure.

Siphons:

Contact Us

For Details of Siphon and other accessories for Pressure Gauges



Needle Valves:

Contact Us

For Details of Needle Valves and other accessories for Pressure Gauges



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Thermowells

Advantages

Thermowells are used to mount Temperature Gauges such that they are not directly in contact with the wetted material. In essence, it provides isolation. Removal/replacement of the temperature gauges also becomes easier with the thermowell connected to the wetted material.

Technical Features:

The Thermowells may be fitted with threading or with flange connection with different materials like SS 304, SS 316, Brass or PVC.



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Dynamic Gauges Pvt. Ltd.

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