Pressure Gauge Snubbers
Porous, Piston and Adjustable Type
Type 910.12.100 - Porous
Type 910.12.200 - Piston
Type 910.12.300 - Adjustable

Applications

Pressure gauge snubbers are intended to suppress the effect of pressure pulses and pressure peaks. Porous snubbers incorporate a fixed mesh disk. Piston snubbers are supplied with five pistons for use with a variety of media. Adjustable snubbers are provided with an adjustable needle valve that enables the operator to restrict the flow as operating conditions may demand even when the snubber is in service.

Pressure gauge snubbers will considerably increase the service life of pressure gauges in harsh applications such as on reciprocating pumps and compressors, hydraulic presses or fluid power systems and will additionally improve the reading accuracy of the gauge.

Pressure gauge snubbers are effective for applications with pressures above 5 psi.

Standard Features

Pressure Connection
¼" NPT or ½ NPT male x female (see selection chart)

Body Material
Brass or stainless steel

Piston Material (Type 910.12.200)
Stainless steel

Needle Valve Material (Type 910.12.300)
Stainless steel

O-Ring Material (Type 910.12.300)
Brass: Buna-N
Stainless Steel: FPM (Viton®)

Pressure Rating
Brass: 3000 psi - 5000 psi
Stainless Steel: 5000 psi - 15,000 psi
(see selection chart)

Temperature Rating
14°F to 248°F (-10°C to 120°C)

Optional Extras (By Special Order)
- Pressure Connection: G ¼ B, G ½ B
- Degreased for oxygen service, maximum 725 psi at 60°C
- Material certificate per 3.1.B to EN 10 204
Installation and Instructions:

INSTALLATION: Type 910.12 pressure snubbers can be installed directly on the instrument to be protected.

MAINTENANCE: Type 910.12.100 porous snubbers can be cleaned by back flushing with a commercial grade solvent. Type 910.12.200 piston snubbers are generally self-cleaning, however they can be cleaned manually by removing the threaded cap inside the pressure port, then removing the piston. Metal parts should be cleaned in a commercial grade solvent. Type 910.12.300 adjustable snubbers can be cleaned by backing the needle valve out from the body in a counterclockwise direction until it stops and back flushing the pressure port with a commercial grade solvent.

<table>
<thead>
<tr>
<th>Type</th>
<th>Part #</th>
<th>Male x Female Connection</th>
<th>Body Material</th>
<th>L1 (inches)</th>
<th>L2 (inches)</th>
<th>Hex (inches)</th>
<th>Maximum Pressure (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>910.12.100 Porous Snubber</td>
<td>4341503</td>
<td>1/4” NPT</td>
<td>Brass</td>
<td>1.25</td>
<td>0.56</td>
<td>0.750</td>
<td>5000</td>
</tr>
<tr>
<td>910.12.100 Porous Snubber</td>
<td>4341511</td>
<td>1/4” NPT</td>
<td>Brass</td>
<td>1.25</td>
<td>0.56</td>
<td>0.750</td>
<td>5000</td>
</tr>
<tr>
<td>910.12.100 Porous Snubber</td>
<td>4001524</td>
<td>1/4” NPT</td>
<td>SS</td>
<td>1.50</td>
<td>0.70</td>
<td>0.750</td>
<td>15000</td>
</tr>
<tr>
<td>910.12.100 Porous Snubber</td>
<td>50409671</td>
<td>1/2” NPT</td>
<td>Brass</td>
<td>1.73</td>
<td>0.80</td>
<td>1.125</td>
<td>5000</td>
</tr>
<tr>
<td>910.12.100 Porous Snubber</td>
<td>50409662</td>
<td>1/2” NPT</td>
<td>SS</td>
<td>1.73</td>
<td>0.80</td>
<td>1.125</td>
<td>15000</td>
</tr>
<tr>
<td>910.12.200 Piston Snubber</td>
<td>4201639</td>
<td>1/4” NPT</td>
<td>Brass</td>
<td>1.60</td>
<td>0.53</td>
<td>0.810</td>
<td>5000</td>
</tr>
<tr>
<td>910.12.200 Piston Snubber</td>
<td>4201647</td>
<td>1/2” NPT</td>
<td>Brass</td>
<td>1.90</td>
<td>0.63</td>
<td>1.125</td>
<td>5000</td>
</tr>
<tr>
<td>910.12.200 Piston Snubber</td>
<td>4201655</td>
<td>1/4” NPT</td>
<td>SS</td>
<td>1.60</td>
<td>0.53</td>
<td>0.810</td>
<td>15000</td>
</tr>
<tr>
<td>910.12.200 Piston Snubber</td>
<td>4201663</td>
<td>1/2” NPT</td>
<td>SS</td>
<td>1.90</td>
<td>0.63</td>
<td>1.125</td>
<td>15000</td>
</tr>
<tr>
<td>910.12.300 Adjustable Snubber</td>
<td>50334603</td>
<td>1/4” NPT</td>
<td>Brass</td>
<td>2.40</td>
<td>0.58</td>
<td>1.000</td>
<td>3400</td>
</tr>
<tr>
<td>910.12.300 Adjustable Snubber</td>
<td>50334611</td>
<td>1/2” NPT</td>
<td>Brass</td>
<td>2.40</td>
<td>0.75</td>
<td>1.000</td>
<td>3400</td>
</tr>
<tr>
<td>910.12.300 Adjustable Snubber</td>
<td>50334620</td>
<td>1/4” NPT</td>
<td>SS</td>
<td>2.40</td>
<td>0.58</td>
<td>1.000</td>
<td>5800</td>
</tr>
<tr>
<td>910.12.300 Adjustable Snubber</td>
<td>50334638</td>
<td>1/2” NPT</td>
<td>SS</td>
<td>2.40</td>
<td>0.75</td>
<td>1.000</td>
<td>5800</td>
</tr>
</tbody>
</table>

Ordering information
To order the described products, the 7-8 digit product number is sufficient. Optional extras required.

Modifications may take place and materials specified may be replaced by others without prior notice.
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.