The Class T pressure reducing valve is designed for use on installations that have a varying inlet pressure and capacity and which require positive shut off under no load conditions.

The standard valve is suitable for controlling air, potable water, oils and other gases or liquids which are compatible with the valve materials. Oil or seawater resistant trim is also available.

For high inlet pressure applications above 17.2 bar, a PTFE main valve disc must be specified.

This valve should be installed in a horizontal position.

When ordering, please state which pressure adjustment spring range is required for the downstream pressure.

Dark Green Spring 0.35 - 0.7 Bar
Light Green Spring 0.8 - 1.4 Bar
Orange Spring  1.4 - 2.8 Bar
Brown Spring  2.8 - 5.5 Bar
Blue Spring  5.6 - 8.3 Bar
Red Spring  8.3 - 13.8 Bar

<table>
<thead>
<tr>
<th>SIZE</th>
<th>DN15</th>
<th>DN20</th>
<th>DN25</th>
<th>DN32</th>
<th>DN40</th>
<th>DN50</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<td>89</td>
<td>111</td>
<td>124</td>
<td>133</td>
<td>165</td>
</tr>
<tr>
<td>B</td>
<td>45</td>
<td>48</td>
<td>56</td>
<td>68</td>
<td>68</td>
<td>79</td>
</tr>
<tr>
<td>C</td>
<td>162</td>
<td>184</td>
<td>222</td>
<td>232</td>
<td>292</td>
<td>324</td>
</tr>
</tbody>
</table>

Features & Benefits
- Direct acting.
- Reliable performance.
- Balanced valve.
- Positive shut-off.
- Oil trim available.

Pressure & Temperature
- Maximum Inlet Pressure:- 41.4 bar.*
  *PTFE seat for inlet pressures above 17.2 bar or outlets pressure above 8.2 bar.
- Reduced Pressure range:- 0.35 to 13.8 bar.
- Temperature Range:-
  - Water & Air up to 100°C.
  - Oil up to 90°C.

Materials
<table>
<thead>
<tr>
<th>Body</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve Disc (Pressures up to 17.2 bar)</td>
<td>Rubber*</td>
</tr>
<tr>
<td>Valve Disc (Pressures from 17.2 bar)</td>
<td>PTFE</td>
</tr>
<tr>
<td>H.P Seal</td>
<td>Rubber*</td>
</tr>
<tr>
<td>Rolling Diaphragm</td>
<td>Rubber*</td>
</tr>
</tbody>
</table>

* Nitrile rubber when valve is supplied for oil duty.