DIRECT-ACTING PRESSURE REDUCING VALVE DR20

Stainless steel construction
Pressure reduction ratio of 30:1
Compact (total height 7\(\frac{5}{16}\)"
Light-weight (3.9 lb*)
For steam & air

* 1" model
More stable secondary pressure than with conventional direct-acting reducing valves!

Features

Stainless Steel Construction
The body is constructed of stainless steel to prevent the problems caused by rust and the resultant build-up of scale.

Pressure Reduction Ratio of 30:1
A single DR20 is capable of reduction to minute pressures normally requiring 2-stage pressure reduction.

Superior Flow Characteristics
A more stable secondary pressure than with conventional direct-acting reducing valves is maintained through the use of a flat valve.

Fine Pressures Adjustment
The easy to grip handle, which fits comfortably in the hand, and a small-pitch adjusting screw make it possible to make extremely small adjustments in the secondary pressure. The locknut prevents accidental adjustment.

Easy Maintenance
No special tools are required for maintenance. Disassembly is easily performed with readily available tools.

Reusable Gaskets
All gaskets are made of PTFE.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>DR20-2</th>
<th>DR20-6</th>
<th>DR20-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection</td>
<td>Screwed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size (in)</td>
<td>½, ¾, 1</td>
<td></td>
<td></td>
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<tr>
<td>Maximum Operating Pressure (psig) PMO</td>
<td>230</td>
<td></td>
<td></td>
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<tr>
<td>Maximum Operating Temperature (°F) TMO</td>
<td>428</td>
<td></td>
<td></td>
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<tr>
<td>Maximum Allowable Pressure (psig) PMA</td>
<td>285</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Allowable Temperature (°F) TMA</td>
<td>428</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary Pressure Range (psig)</td>
<td>30 - 230</td>
<td>85 - 230</td>
<td></td>
</tr>
<tr>
<td>Adjustable Pressure Range (psig)</td>
<td>2 - 30, but not less than 1/30 of primary pressure</td>
<td>27 - 85</td>
<td>76 - 150</td>
</tr>
</tbody>
</table>

Applicable Fluids
Steam, Air

*Do not use for toxic, flammable or otherwise hazardous fluids

To avoid abnormal operation, accidents of serious injury. DO NOT use this product outside of the specification range. Local regulations may restrict the use of this product to below the conditions quoted.

DO NOT DISASSEMBLE OR REMOVE THIS PRODUCT WHILE IT IS UNDER PRESSURE. Allow internal pressure of this product to equal atmospheric pressure and its surface to cool to room temperature before disassembling or removing. Failure to do so could cause burns or other injury. READ INSTRUCTION MANUAL CAREFULLY.

Manufacturer
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ISO 9001/ISO 14001

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互联网 万维网 网址 http://www.tlv.com

Specifications subject to change without notice.

CAUTION

TLV CORPORATION

ISO 9001/ISO 14001