Prolonged periods operating at over 1 bar (15 psi), for example due to a downstream blockage in a pneumatic conveying system, can lead to overheating of the blower, leading to accelerated rotor wear and in some cases catastrophic failure. Our new valve range has been redesigned to be compact, and uses fewer components for improved reliability and cost efficiency. They are available with factory pre-set relief pressures (see below), but we can provide valves set to your specification if required. Valves are normally available from stock.

Valves for HRBV truck mount blowers
We supply the 80 mm valve for our HRBV blowers with a factory pre-set relief pressure of up to 1240 mbar, to your specification. A 3" to 2" BSP adaptor may also be required for this application.

Valves for HR Rotary blowers
The valve size required will vary with the blower size (see table above). Factory pre-set relief pressures of up to 1140 mbar are available, as required.

Vacuum relief valves
Coming soon: We will soon be able to supply relief valves for use with our high vacuum range of blowers.

Sizes and Connections

<table>
<thead>
<tr>
<th>Nominal Diameter</th>
<th>Connection*</th>
<th>Typical Capacity M³/HR at 500mbg</th>
<th>Typical Capacity M³/HR at 1000mbg</th>
<th>Blower Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>80mm</td>
<td>3&quot; BSP</td>
<td>850</td>
<td>1100</td>
<td>HRBV, HR Size 10 &amp; 11</td>
</tr>
<tr>
<td>100mm</td>
<td>4&quot; BSP</td>
<td>1300</td>
<td>1700</td>
<td>HR Size 12, 13, 20 &amp; 21</td>
</tr>
<tr>
<td>125mm</td>
<td>5&quot; BSP</td>
<td>2000</td>
<td>2700</td>
<td>HR Size 22, 23 &amp; 31</td>
</tr>
<tr>
<td>150mm</td>
<td>6&quot; BSP</td>
<td>2900</td>
<td>3800</td>
<td>HR Size 32, 33, 41, 42 &amp; 43</td>
</tr>
</tbody>
</table>

*Optional BS404: NP10 flange connection available to order.

Materials
- Aluminium tube casing
- Brass valve bell
- Stainless steel spindle
- Zinc plated mild steel spring

For accurate performance characteristics please contact HR Blowers

Telephone: 01484 691858
Fax: 01484 680467
Email: sales@hrblowers.co.uk
Web: hrblowers.co.uk
Bridge Mills, Huddersfield Road, Holmfirth, West Yorkshire HD9 3TW

Following the Company’s policy of constant development, we reserve the right to alter any detail specified or illustrated in this publication without notice and without incurring any obligation to provide such modifications on machines previously delivered.