Bladder accumulator series EHV – CE

Construction
Bladder accumulator with hydraulic valve, pressure vessel of forged steel, seamless, heavy duty gas inlet valve, detachable.

Pre-Charge pressure PO
Between 0.9 P1 and 0.2 P2
Other pressure ratios on request.

Temperature range
Standard model -20 °C to +80 °C
Other ranges on request.

Volumetric flow Q
The max. values given in the selection table apply only for a vertical installation (hydraulic assembly downwards).
For horizontal installation or higher flow rates please contact OLAER.

Hydraulic fluids
Hydraulic oil (mineral oil)
Other mediums, such as biodegradable hydraulic oil, non-flammable liquids, water, emulsions, fuels, ect. should be specified at the time of ordering.

Installation
Vertical (hydraulic assembly downwards) to horizontal.
Leave a space of 200 mm free above the gas inlet valve for attaching the tester and pressurizer instrument.

Method of mounting
Clamps and brackets with rubber core, or mounting set, see data sheet OSP 775 and OSP 780 "Accumulator-Accessories ".

<table>
<thead>
<tr>
<th>Model</th>
<th>Gasvol.</th>
<th>Design</th>
<th>Weight</th>
<th>Vmax</th>
<th>Dimensions in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHV 1</td>
<td>1 – 690</td>
<td>9</td>
<td>360</td>
<td>376</td>
<td>A B C Ø D Ø d E F Ø G Ø H SW J K</td>
</tr>
<tr>
<td>EHV 2,5</td>
<td>2,4</td>
<td>690</td>
<td>15</td>
<td>360</td>
<td>551 88 69 122 22 239 G 1&quot; 48 68 45 G ½ * 10</td>
</tr>
<tr>
<td>EHV 5</td>
<td>5</td>
<td>690</td>
<td>29</td>
<td>360</td>
<td>900 68 69 122 22 763 G 1&quot; 48 68 45 G ½ * 10</td>
</tr>
<tr>
<td>EHV 12</td>
<td>11</td>
<td>690</td>
<td>97</td>
<td>900</td>
<td>768 84 166* 261 50 518 G 2&quot; 82 110 77 G 1&quot; 15</td>
</tr>
<tr>
<td>EHV 20</td>
<td>18,8</td>
<td>690</td>
<td>134</td>
<td>900</td>
<td>978 84 166* 261 50 728 G 2&quot; 82 110 77 G 1&quot; 15</td>
</tr>
<tr>
<td>EHV 32</td>
<td>35,2</td>
<td>690</td>
<td>227</td>
<td>900</td>
<td>1500 84 166* 261 50 1250 G 2&quot; 82 110 77 G 1&quot; 15</td>
</tr>
<tr>
<td>EHV 50</td>
<td>49,2</td>
<td>690</td>
<td>318</td>
<td>900</td>
<td>2015 84 166* 261 50 1765 G 2&quot; 82 110 77 G 1&quot; 15</td>
</tr>
</tbody>
</table>

* A special lifting adapter is necessary.
**Important informations**

- Certification: EHV series accumulators are manufactured, tested and documented according to the pressure equipment directive 2014/68/EC. Other certifications on demand.
- The technical data on the manufacturer’s nameplate must be indicated on the order.
- The accumulator shell is not available as a spare part.
- Quality code used for the bladder.
- * ød should be specified at the time of ordering.

Example:
- \( d = \phi 22 \text{ mm} \) EHV 1 to EHV 5
- \( d = \phi 50 \text{ mm} \) EHV 12 to EHV 50