Membran accumulator series ELM – CE

Construction
Membrane accumulators with integrated disc, pressure vessel in steel, gas locking screw, not demountable.

Pre-Charge pressure PO
Ratio $P_{\text{max}} / P_0$ see range table.

Temperature range
1) -10 °C to +80 °C
2) -20 °C to +80 °C
Other ranges on request.

Hydraulic fluids
Standard execution for hydraulic oil (mineral oil). Other membrane materials on request.

Installation
User-defined.
Leave a space of 200 mm free above the gas locking screw for attaching the tester and pressurizer VGU, this is to tighten with a torque of 2 Nm.

Method of mounting
With clamps see data sheet OSP 775 or by form A per outside thread M 33 x 1,5 and lock nut.

<table>
<thead>
<tr>
<th>Model</th>
<th>Gasvol. V0</th>
<th>Design pressure</th>
<th>$P_{\text{max}} / P_0$</th>
<th>Masse kg</th>
<th>Dimensions in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>litre</td>
<td>bar</td>
<td></td>
<td></td>
<td>A B C ø D F G H I K SW Connection form</td>
</tr>
<tr>
<td>ELM 0,75 – 350 / 00 * 2)</td>
<td>0,75</td>
<td>350</td>
<td>8 : 1</td>
<td>4,4</td>
<td>190 33 16 128 G ½&quot; M 33 x 1,5 20 – 14 41 A</td>
</tr>
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<td>0,75</td>
<td>350</td>
<td>8 : 1</td>
<td>4,4</td>
<td>170 – 16 128 G ½&quot; – – 34 14 41 B</td>
</tr>
<tr>
<td>ELM 1,4 – 350 / 90 2)</td>
<td>1,4</td>
<td>350</td>
<td>8 : 1</td>
<td>7,5</td>
<td>220 44 18 156 G ½&quot; M 33 x 1,5 20 – 14 41 A</td>
</tr>
<tr>
<td>ELM 1,4 – 350 / 90 2)</td>
<td>1,4</td>
<td>350</td>
<td>8 : 1</td>
<td>7,4</td>
<td>200 – 18 156 G ½&quot; – – 34 14 41 B</td>
</tr>
<tr>
<td>ELM 2 – 350 / 90 1]</td>
<td>2,0</td>
<td>350</td>
<td>8 : 1</td>
<td>11,5</td>
<td>270 40 18 156 G ¾&quot; M 45 x 1,5 20 34 16 55 A</td>
</tr>
<tr>
<td>ELM 2 – 350 / 90 1]</td>
<td>2,0</td>
<td>350</td>
<td>8 : 1</td>
<td>11,3</td>
<td>250 – 18 156 G ¾&quot; – – 34 16 55 B</td>
</tr>
</tbody>
</table>

Issued in accordance with PED 2014/68/EC with CE marked.
*Issued in accordance with PED 2014/68/EC, article 4 clause 3, without CE-marking.

Manufacturer’s tolerances not taken into account.

The right to make modifications reserved.

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