Specification:
Standard Bladder Accumulator Range
Capacity: 1 to 50 Litre
Shell Material: Chromium Molybdenum Alloy Steel
Connection Material: Carbon or Stainless Steel
Gas Connection: ¼” BSP Male Gas Valve (316 Stainless Steel)
Fluid Connection: See Table Below
Maximum Working Pressure: 420 Bar
Design Pressure: 420 Bar
Hydrostatic Test Pressure: 600.6 Bar
Metallic Design Temperature: -40°C to +80°C (Standard)
Elastomeric Operating Temperature: Various Elastomers Available
Design Code: BSEN 14359:2006
Approval: PED 97/23/EC
Dimensions & Weight: See Table Below

Bladder & Elastomer:
• Available in a range of elastomers to suit operating conditions

Flushing:
• SAE AS4059 Class 6B-F or NAS 1638 Available
• Medium: Water Glycols & Mineral Oils

External Coating:
• Special offshore Topside Paint specifications available upon request
• Norsok M501 System Coatings

Material Certification:
• BS EN 10204-3.1 For major pressure retaining components
• C of C, D of C & Process Certification

Accessories Available:
• Clamps & Brackets (Carbon & Stainless Steel)
• Permanent Charging Blocks (optional burst discs available)
• Fluid Side Safety Blocks (optional relief valves)
• Portable Charging Sets
• Internal Electroless Nickel Plating (ENP)

BESPOKE ACCUMULATORS AVAILABLE UPON REQUEST

<table>
<thead>
<tr>
<th>Nominal Capacity (litres)</th>
<th>Gas Volume (litres)</th>
<th>Flow Rate (l/min)</th>
<th>Weight (kg)</th>
<th>Dimensions (ø A (mm) B Max. (mm) C (mm) D (mm) ø E (mm) ø F (mm) ø G (mm) J (BSP))</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>1.2</td>
<td>100</td>
<td>4.5</td>
<td>114 295 29 65 45 63 N/A 1”</td>
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<tr>
<td>2.00</td>
<td>2.25</td>
<td>100</td>
<td>11</td>
<td>114 450 29 65 45 63 N/A 1”</td>
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<tr>
<td>4.00</td>
<td>3.75</td>
<td>500</td>
<td>13</td>
<td>170 450 70 90 60 79 25 1 ¼”</td>
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<tr>
<td>10.00</td>
<td>9.25</td>
<td>750</td>
<td>45</td>
<td>229 595/580 70 105 76 100 25 2”</td>
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<tr>
<td>20.00</td>
<td>18.75</td>
<td>750</td>
<td>65</td>
<td>229 897/882 70 105 76 100 25 2”</td>
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<tr>
<td>25.00</td>
<td>25.75</td>
<td>750</td>
<td>85</td>
<td>229 1175/1160 70 105 76 100 25 2”</td>
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<tr>
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<td>750</td>
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<td>229 1425/1410 70 105 76 100 25 2”</td>
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<tr>
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<td>750</td>
<td>135</td>
<td>229 1940/1925 65 105 76 100 63.5 2”</td>
</tr>
</tbody>
</table>

Permanent Charging Block:
• ¼” BSP Gas Valve Connection
• Burst Disc (Option)
• Various Connections Available

Contact QHP LTD for more information:
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