Storage Vessels VG / VGS / VGL

Function
- Storage of seal liquid

Storage vessel VG
- Storage vessel for seal liquid with side glasses
- Volume 1.5 liters
- Possibility of cooling the seal liquid using a cooling jacket (water jacket)
- For pressures up to 11 bar (abs.)

Storage vessel VGS
- Storage vessel for seal liquid with magnetic float switch and level indicator for monitoring the filling level
- Volume 1.5 liters
- For pressures up to 16 bar (abs.)

Storage vessel VGL
- Large storage vessel for seal liquid with magnetic float switch and level indicator for monitoring the filling level
- Volume 6 liters
- Possibility of cooling the seal liquid using an integrated cooling coil
- For pressures up to 40 bar (abs.)

Accessories for storage vessels
- Hand pump for filling up seal liquid under pressure
- Pressure gauge and safety valve for pressure overlay
- Water jacket or cooling coil for cooling the seal liquid
- Magnetic float switch with min/min alarm and separating switch amplifier for ATEX zone 1
- Level switch for redundant monitoring of mechanical seal for ATEX zone 0
### Application data

<table>
<thead>
<tr>
<th></th>
<th>VG</th>
<th>VGS</th>
<th>VGL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Area of application</strong></td>
<td>for all liquid lubricated mechanical seals</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Volume</strong></td>
<td>1.5 l</td>
<td>1.5 l</td>
<td>≥ 6 l</td>
</tr>
<tr>
<td><strong>Working pressure</strong></td>
<td>up to 11 bar</td>
<td>up to 16 bar</td>
<td>up to 40 bar</td>
</tr>
<tr>
<td><strong>Cooling water flow rates for optional cooling water jacket:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Shaft diameter</strong></td>
<td>from 40 to 100 mm $\Omega_{min} \geq 50$ l/h</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>above 100 mm $\Omega_{min} \geq 70$ l/h</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>