Nitrogen Charging unit SLG 4

Description
The OLAER Type SLG 4 charging unit is used for precharging accumulators with a capacity of 4 litres, and up to 300 bar. Compactness and low weight are the major advantages of this unit. Additionally, it is possible to drive the unit with nitrogen as the driving and conveying medium or with compressed air as the driving medium.

Composition
- Nitrogen driven gas booster ROB 32D
- Pressure regulator
- Pressure reducer 200/9 bar
- 3-port valve
- Relief valve
- Connecting and filling hoses

Technical data
- Driving medium 1–10 bar / 14,5–145 psi
- Max. operating pressure 300 bar / 4,350 psi
- Gas ratio 1:32
- Stroke volume/double stroke 11,6 cm³ / 0.7 cu.inch
- Weight approx. 8.6 kg
- Max. operating temperature 60 °C
- Inlet pressure 50–300 bar / 725–4,350 psi
- Materials
  - Gaskets PTFE, FKM / FPM
  - High-pressure frame 1.4404
  - Piston 1.4112
- Materials

Connections
- Filling hose 1.5 m to connect nitrogen cylinder W 24,32
- Filling hose 2.0 m to connect tester pressurizer OLAER type VG U
- Compressed air G ¼“ internal thread
### Outline drawing

![Outline drawing](image)

### Diagram

![Diagram](image)

### Filling time for 3 litres

<table>
<thead>
<tr>
<th>Inlet pressure</th>
<th>Operating temperature</th>
<th>75 bar</th>
<th>100 bar</th>
<th>125 bar</th>
<th>150 bar</th>
<th>175 bar</th>
<th>200 bar</th>
<th>225 bar</th>
<th>250 bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 bar</td>
<td></td>
<td>30 Sek.</td>
<td>70 Sek.</td>
<td>125 s</td>
<td>185 s</td>
<td>265 s</td>
<td>355 s</td>
<td>480 s</td>
<td>640 s</td>
</tr>
<tr>
<td>100 bar</td>
<td></td>
<td>15 s</td>
<td>30 s</td>
<td>50 s</td>
<td>70 s</td>
<td>95 s</td>
<td>120 s</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150 bar</td>
<td></td>
<td>8 s</td>
<td>15 s</td>
<td>25 s</td>
<td>40 s</td>
<td></td>
<td></td>
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