



Accumulator Accessories

Nitrogen charging unit

Type SLG 3

OSP 764

Description

Customary nitrogen cylinder have a pressure of 200 bar. Hydropneumatic accumulators with a pre-charge pressure >200 bar can no longer be filled out of cylinders. At pre-charge pressures between 100 and 150 bar the nitrogen cylinders are under-utilized.

The OLAER nitrogen charging unit allows a better utilization of the nitrogen cylinders and a charging of the accumulators up to 400 bar.

**The SLG 3 will be connected to a nitrogen bottle.
The nitrogen is driven as well as being the delivery medium.
Additionally compressed air can also be used as the driven medium.**

Composition

- Nitrogen driven gas booster DLE 30-1-GG
- Pressure regulator
- Safety valve drive air 10 bar
- 3-port valve
- Pressure switch
- Relief valve
- Connecting and filling hoses

Technical data

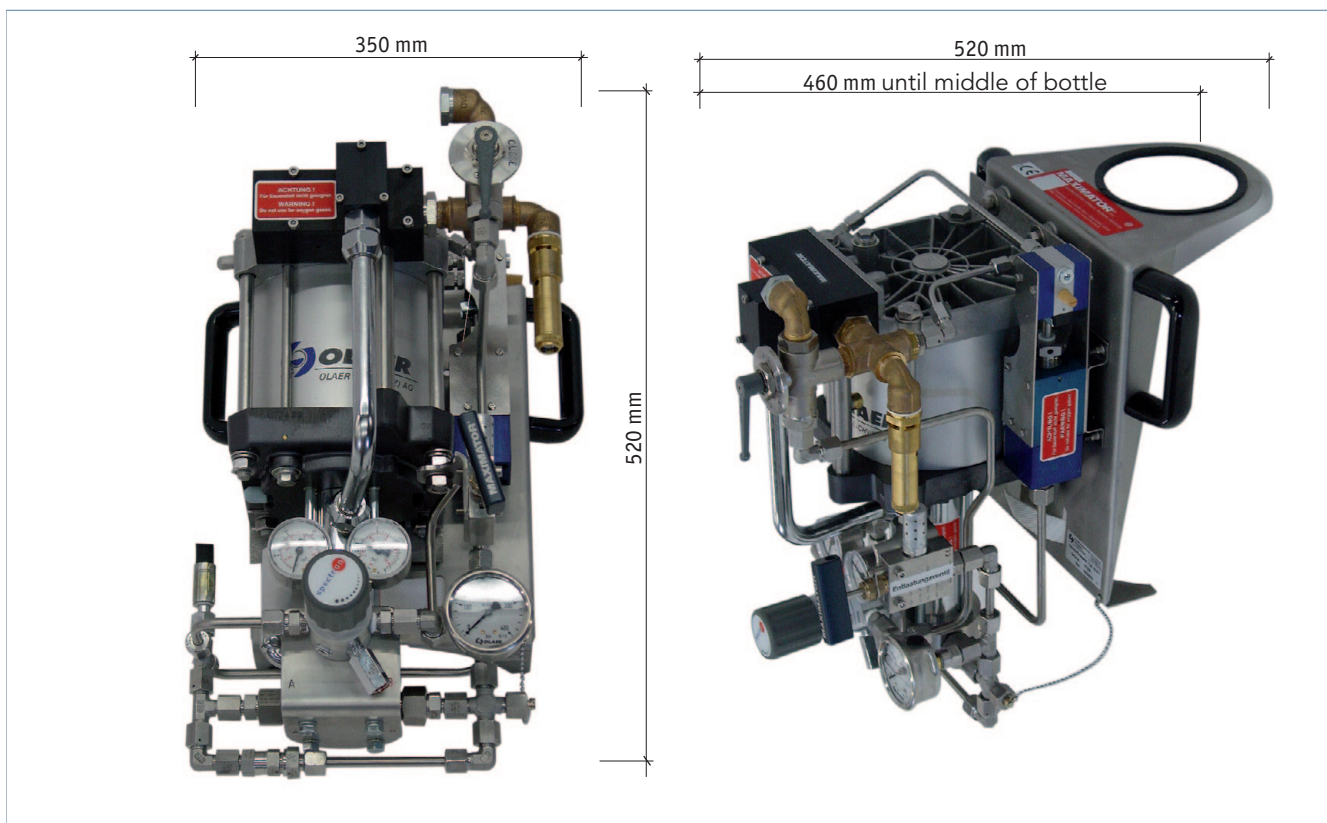
- Min. inlet N₂ pressure 35 bar
- Max. outlet N₂ pressure 300 bar
- Weight 25 kg
- Flow rate:
 - inlet pressure >100 bar consumption of driven medium = 2,5 x delivery medium
 - inlet pressure <100 bar consumption of driven medium = 4 x delivery medium
- Materials
 - Gaskets PTFE, FKM / FPM
 - Compressor head 1.4305
 - High pressure cylinder 1.4057
 - High pressure piston 1.4305
 - Fittings 1.4305
 - Balls 1.4034
 - Springs X12CrNi177

Connections

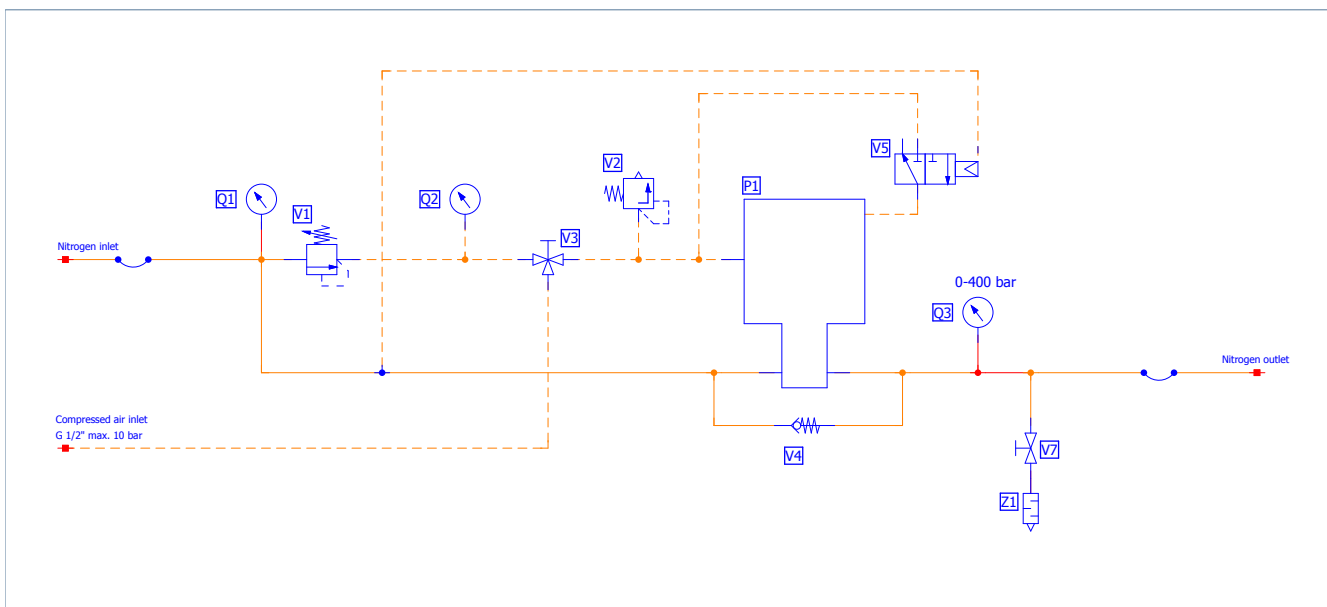
- Filling hose 2,5 m to connect nitrogen cylinder W14, W32
- Filling hose 5,0 m to connect OLAER VGU type tester and pressurizer



Outline drawing



Diagram



OSP 764 - Version 1