### Technical Data Sheet

#### GSF25 (L) 

**Technical Data:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air drive pressure</td>
<td>1-10 bar / 14.5 - 145psi</td>
</tr>
<tr>
<td>Calculated Outlet Pressure at an air drive of 10 bar/145 psi</td>
<td>280 bar/ 4,060 psi</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1:28</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>35.3 cm³/ 2.15 cu.inch</td>
</tr>
</tbody>
</table>

#### Connections:

- **Inlet:** Standard: Bottom Inlet 3/4 BSP
- **Outlet:** 3/4 BSP
- **Air drive:** 3/4 BSP
- **Maximum operating tempreature:** 60°C
- **Net weight:** 19.0 kg

Pressure and flow performances, please see enclosed graph.

#### Wetted materials of construction:

- **Seal package:**
  - GSF25(L): Polyurethan, NBR
  - GSF25(L)VE: UHMWPE, FKM
- **Pump Body:** 1.4305
- **Piston:** 1.4112 (hardened)
- **Fittings:** 1.4571

#### Approximate Dimensions:

- **Height:** 400 mm
- **Depth:** 181 mm
- **Width:** 272 mm

#### Available Options:

- **Side inlet**
- **Special inlet and outlet ports, i.e. NPT**
- **Special seal material to handle special fluids on request.**

#### Available Accessories:

- **Air control units with filter pressure regulator, control pressure gauge and shut off valve:** GSF25(L) with C2
- **To protect the pump against excessive outlet pressures or to limit the outlet pressure, a safety valve can be fitted to the air control unit in the air drive line:** GSF25(L) with C2/SVair (The required outlet pressure has to be indicated.)

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**Please consult factory for more information.** All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.
Leistungsdiagramm/Performance Graph G(SF) 25

Prüfflüssigkeit/Test Liquid: Wasser-Öl-Emulsion/Water Oil Emulsion ca. 1 - 10 cst

Betriebsdruck/Outlet Pressure (bar)
- 4 bar
- 6 bar
- 8 bar

Luftverbrauch/Air consumption (l/min)
- 4 bar
- 6 bar
- 8 bar

Förderleistung/Flow (l/min)

- 0
- 0.5
- 1
- 1.5
- 2
- 2.5
- 3
- 3.5
- 4
- 4.5
- 5
- 5.5
- 6
- 6.5
- 7
- 7.5

Betriebsdruck bei/Outlet Pressure at 4 bar
- Blau
Betriebsdruck bei/Outlet Pressure at 6 bar
- Grün
Betriebsdruck bei/Outlet Pressure at 8 bar
- Rot
Luftverbrauch bei/Air consumption at 4 bar
- Punktlinie blau
Luftverbrauch bei/Air consumption at 6 bar
- Punktlinie grün
Luftverbrauch bei/Air consumption at 8 bar
- Punktlinie rot