Technical Data Sheet

## GPD30

### Technical Data:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</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 air drive of 10 bar/145 psi</td>
<td>300 bar / 4350 psi</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1:30</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>508 cm³ / 31.0 cu.inch</td>
</tr>
</tbody>
</table>

### Connections:

- Inlet: BSP 3/4"  
- Outlet: BSP 3/4"  
- Air drive: BSP 1"  
- Maximum operating temperature: 60°C  
- Net weight: 58 kg

Pumps of the GPD Series that are marked with an EX sign and are supplied with a declaration of conformity as defined in 94/9/EC may be used in areas subject to explosion hazards. They are in conformity to Group II Category 2G Explosion group IIB constructive safety.

### Wetted materials of construction:

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seal package</td>
<td>GPD 30: UHMWPE, FKM</td>
</tr>
<tr>
<td>Pump Body</td>
<td>1.4305</td>
</tr>
<tr>
<td>Piston</td>
<td>1.4112 (hardened)</td>
</tr>
<tr>
<td>Fittings</td>
<td>1.4305</td>
</tr>
</tbody>
</table>

### Approximate Dimensions:

- Height: 415 mm  
- Depth: 315 mm  
- Width: 710 mm

### Available Options:

- Inlet and Outlet piping to one common inlet and one common outlet port

### Available Accessories:

- Air control units with filter pressure regulator, control pressure gauge and shut off valve: GPD30 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: GPD30 with C2/SVair (The required outlet pressure has to be indicated.)

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 GPD 30

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

- Betriebsdruck bei Outlet Pressure at 4 bar
- Betriebsdruck bei Outlet Pressure at 6 bar
- Betriebsdruck bei Outlet Pressure at 8 bar
- Luftverbrauch bei Air consumption at 4 bar
- Luftverbrauch bei Air consumption at 6 bar
- Luftverbrauch bei Air consumption at 8 bar