# Technical Data Sheet

## GPD120-2

### 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 air drive of 10 bar/145 psi:</td>
<td>2,580 bar / 37,400 psi</td>
</tr>
<tr>
<td>Pressure ratio:</td>
<td>1.258</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>121 cm³ / 7.4 cu.inch</td>
</tr>
</tbody>
</table>

**Connections:**

- **Inlet:** BSP 3/4"
- **Outlet:** 9M (9/16")
- **Air drive:** BSP 3/4"
- **Maximum operating temperature:** 60°C
- **Net weight:** 78 kg

Pressure and flow performances, please see enclosed graph.

## Wetted materials of construction:

- **Seal package:** UHMWPE, FKM
- **Pump Body:** 1.4305
- **Piston:** 1.4112 (hardened)
- **Fittings:** 1.4305

## Approximate Dimensions:

- **Height:** 343 mm
- **Depth:** 300 mm
- **Width:** 1016 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:** GPD120-2 with C3
- **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:** GPD120-2 with C3/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.

---

**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 IIC constructive safety.**

---

**Technical Data: GPD120-2**

» Oil and Water Service

---

**Technical Data Sheet**

GPD120-2

- **Technical Data:**
  - Air drive pressure: 1-10 bar / 14.5 - 145psi
  - Calculated Outlet Pressure at an air drive of 10 bar/145 psi: 2,580 bar / 37,400 psi
  - Pressure ratio: 1.258
  - Displacement volume/double stroke: 121 cm³ / 7.4 cu.inch

- **Connections:**
  - **Inlet:** BSP 3/4"
  - **Outlet:** 9M (9/16")
  - **Air drive:** BSP 3/4"
  - **Maximum operating temperature:** 60°C
  - **Net weight:** 78 kg

Pressure and flow performances, please see enclosed graph.

---

**Wetted materials of construction:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seal package</td>
<td>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:** 343 mm
- **Depth:** 300 mm
- **Width:** 1016 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:** GPD120-2 with C3
- **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:** GPD120-2 with C3/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 GPD120-2

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

Förderleistung/Flow (l/min)

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