### 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>1200 bar / 17,400 psi</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1:129</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>121 cm³ / 7.4 cu.inch</td>
</tr>
</tbody>
</table>

### Connections:

<table>
<thead>
<tr>
<th>Port</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlet</td>
<td>BSP 3/4&quot;</td>
</tr>
<tr>
<td>Outlet</td>
<td>9M (9/16&quot;)</td>
</tr>
<tr>
<td>Air drive</td>
<td>BSP 3/4&quot;</td>
</tr>
</tbody>
</table>

### Wetted materials of construction:

- **Seal package**: GPD 120: UHMWPE, FKM
- **Pump Body**: 1.4305
- **Piston**: 1.4112 (hardened)
- **Fittings**: 1.4305

### Approximate Dimensions:

- **Height**: 343 mm
- **Depth**: 300 mm
- **Width**: 777 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 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**: GPD120 with C2/SVair (The required outlet pressure has to be indicated.)

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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.

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.
Leistungsdiagrammi/Performance Graph GPD 120

Air consumption (l/min)

Aerberbrauch/Air consumption

Outlet Pressure (bar)

Outletdruck/Outlet pressure

Förderleistung/Flow (l/min)

Prüfflüssigkeit/Test liquid: Wasser-Oel-Emulsion/Water Oil Emulsion ca. 1 - 10 cst