**MO72D**

**Oil service**

### Technical Data:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air drive pressure</td>
<td>1-10 bar / 14.5 - 145 psi</td>
</tr>
<tr>
<td>Calculated Outlet Pressure at an air drive of 10 bar/145 psi</td>
<td>860 bar / 12,473 psi</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1.66</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>3.0 cm³ / 0.18 cu.inch</td>
</tr>
</tbody>
</table>

### Connections:

- **Inlet:** 3/8 BSP
- **Outlet:** 1/4 BSP
- **Air drive:** 3/8 BSP
- **Maximum operating temperature:** 60°C
- **Net weight:** 4.5 kg

Pressure and flow performances, please see enclosed graph.

### Wetted materials of construction:

- **Top cap:** Aluminium
- **Air cylinder:** Aluminium
- **Seal package:** Polyurethane, NBR
- **Pump Body:** GGG50
- **Piston:** 1.4112 (hardened)

### Approximate Dimensions:

- **Height:** 228 mm
- **Depth:** 102 mm
- **Width:** 80 mm

### Available Options:

- **Special inlet and outlet ports, i.e. NPT**
- **MO72D-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:** MO72D with C1
- **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:** MO72D with C1/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 M(O) 72 D

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

Förderleistung/Flow (l/min) vs. Outlet Pressure (bar)

- Blue line: Outlet Pressure at 4 bar
- Red line: Outlet Pressure at 6 bar
- Green line: Outlet Pressure at 8 bar

Air consumption (l/min) vs. Outlet Pressure (bar)

- Dotted blue line: Air consumption at 4 bar
- Dotted red line: Air consumption at 6 bar
- Dotted green line: Air consumption at 8 bar

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