M37 (L) VE  » Water service

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 - 145 psi</td>
</tr>
<tr>
<td>Calculated Outlet Pressure at an air drive of 10 bar/145 psi</td>
<td>460 bar / 6,670 psi</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1:46</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>2.8 cm³ / 0.17 cu.inch</td>
</tr>
</tbody>
</table>

Connections:

- Inlet: Standard: Bottom Inlet 3/8 BSP
- Outlet: 3/8 BSP
- Air drive: 3/8 BSP
- Maximum operating tempreature: 60°C
- Net weight: 2.8 kg

Wetted materials of construction:

- Seal package: M37(L): Polyurethan, NBR
- Pump Body: 1.4305
- Piston: 1.4112 (hardened)
- Fittings: 1.4104

Approximate Dimensions:

- Height: 195 mm
- Depth: 104 mm
- Width: 112 mm

Available Options:

- Seal material for oil service: M37(L)
- Seal material for water service: M37(L)VE
- Side inlet: M37(L)S/ M37(L)VES
- Hand lever/ Spring return: M37-HL (only available with seal package Polyurethane, NBR)
- External pilot port modification: M37(L)-DIR
- Special inlet and outlet ports, i.e. NPT: M37(L)-NPT
- Special seal material to handle special fluids on request: M37(L)VE-NPT

Available Accessories:

- Air control units for M series with filter pressure regulator, control pressure gauge and shut off valve: M37(L) 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: M37(L) with C1/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 M(O)(SF) 37

Prüflüssigkeit/Test Liquid: Wasser-Oil-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

Förderleistung/Flow (l/min)

Betriebsdruck/Outlet Pressure (bar)

Luftverbrauch/ Air consumption (l/min)