### Technical Data Sheet S25D

**Oil service**

#### 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 an air drive of 10 bar/145 psi:</td>
<td>240 bar/ 3,480 psi</td>
</tr>
<tr>
<td>Pressure ratio:</td>
<td>1.24</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>39.2 cm³/ 2.39 cu.inch</td>
</tr>
</tbody>
</table>

#### Connections:

- **Inlet**: 3/4 BSP
- **Outlet**: 3/4 BSP
- **Air drive**: 1/2 BSP
- **Maximum operating temperature**: 60°C
- **Net weight**: 14.5 kg

#### Wetted materials of construction:

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

#### Approximate Dimensions:

- **Height**: 260 mm
- **Depth**: 135 mm
- **Width**: 175.5 mm

#### Available Options:

- Special inlet and outlet ports, i.e. NPT: S25D-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: S25D with C1.5

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:

- S25D with C1.5/SVair (The required outlet pressure has to be indicated.)

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MAXIMATOR
S - Pumpe (doppeltwirkend)
S - Pump (doubleacting)
Ansichts-/Maßzeichnung
Dimension drawing
Typ / type: S 15D, S 25D, S 35D
Leistungsdiagramm/Performance Graph S 25 D

Prüflüssigkeit/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