## Technical Data Sheet

### S35D

**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>380 bar/ 5,510 psi</td>
</tr>
<tr>
<td>Pressure ratio:</td>
<td>1.38</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>25.2 cm³/ 1.54 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

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
- **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: S35D-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: S35D 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: S35D with C1.5/SVair (The required outlet pressure has to be indicated.)

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MAXIMATOR

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

Prüfflüssigkeit/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

Förderleistung/Flow (l/min)