Technical Data Sheet  |  S250D  |  Oil service

**Technical Data:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</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>1,650 bar/ 24,255 psi</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1:250</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>4.0 cm³/ 0.24 cu.inch</td>
</tr>
</tbody>
</table>

**Connections**

- **Inlet:**
  - (only side inlet available)
  - 3/8 BSP

- **Outlet:**
  - 1/4 BSP

- **Air drive:**
  - 1/2 BSP

- **Maximum operating temperature:** 60°C

- **Net weight:** 14.5 kg

**Material of construction:**

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

**Approximate Dimensions:**

- **Height:** 260 mm
- **Depth:** 135 mm
- **Width:** 175.5 mm
- **Special inlet and outlet ports, i.e. NPT:** S250D-NPT

**Available Accessories**

- **Air control units for S series with filter pressure regulator, control pressure gauge and shut off valve:** S250D 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:** S250D with C1.5/SVair (The required outlet pressure has to be indicated.)

Please consult factory for more information.

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Standard pump comes with BSP ports, only side inlet available.
Leistungsdiagramm/Performance Graph S 250 D

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

Theoretische Werte / Theoretical values

max. Pressure 1.650 bar