**Technical Data Sheet**

**Gas booster DLE 5-2**

### Technical Data:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air drive pressure ( p_L )</td>
<td>1-10 bar / 14,5 - 145psi</td>
</tr>
<tr>
<td>Pressure ratio ( i )</td>
<td>1:10</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>1:50</td>
</tr>
<tr>
<td>Minimum suction pressure ( p_A )</td>
<td>5</td>
</tr>
<tr>
<td>Maximum suction pressure ( p_A )</td>
<td>100 bar</td>
</tr>
<tr>
<td>Maximum outlet pressure ( p_B )</td>
<td>100 bar</td>
</tr>
<tr>
<td>Displacement volume/double stroke</td>
<td>746 cm³</td>
</tr>
<tr>
<td>Maximum cycles</td>
<td>100 / min</td>
</tr>
<tr>
<td>Stall pressure ( p_B = i \cdot p_L + p_A )</td>
<td></td>
</tr>
</tbody>
</table>

### Standard Connections:

- **Air drive:** 3/4 BSP
- **DLE 5-2 (-GG):** Inlet/Outlet: 1/2 BSP
- **Maximum operating temperature:** 60°C
- **Net weight:** 25 kg
- **Pressure and flow performances,** please see enclosed graph.

### Materials of construction hp section DLE 5-2:

- **Standard seal package:** PTFE, Viton
- **Compressor head:** Aluminium anodised
- **HP cylinder:** 1.4404
- **HP piston:** 1.4305
- **Fittings:** 1.4305
- **Balls:** 1.4034
- **Springs:** 1.4310

### Approximate Dimensions:

- **Length:** 780 mm
- **Width:** 181 mm
- **Height:** 233 mm

### Available Options:

- **Inert gas service (standard):** DLE 5-2 (-GG)
- **Oxygen service:** DLE 5-2-GG-S
- **CO₂ service:** DLE 5-2-GG-C
- **In-/Outlet:** 1/4NPT

### Available Accessories:

- **Air control units with filter pressure regulator, control pressure gauge and shut off valve:** DLE 5-2 with C2
- **To protect the booster 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:** DLE 5-2 with C2/SVa

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