Technical Data Sheet

Gas booster DLE 75-1-2

### Technical Data:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air drive pressure pL</td>
<td>1-10 bar / 14,5 - 145psi</td>
</tr>
<tr>
<td>Pressure ratio i:</td>
<td>1:150</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>1:20</td>
</tr>
<tr>
<td>Minimum suction pressure pA:</td>
<td>50</td>
</tr>
<tr>
<td>Maximum suction pressure pA:</td>
<td>1,500 bar</td>
</tr>
<tr>
<td>Maximum outlet pressure pB:</td>
<td>1,500 bar</td>
</tr>
<tr>
<td>Displacement volume/double stroke:</td>
<td>25 cm³</td>
</tr>
<tr>
<td>Maximum cycles:</td>
<td>120 / min</td>
</tr>
<tr>
<td>Stall pressure:</td>
<td>PB = i * pL</td>
</tr>
</tbody>
</table>

### Standard Connections:

- Air drive: 3/4 BSP
- DLE 75-1-2 (-GG): Inlet/Outlet: 1/4BSP
- Maximum operating temperature: 100°C
- Net weight: 20 kg

### Materials of construction hp section DLE 75-1-2:

- Standard seal package: PTFE, Viton
- Compressor head: 1.4305
- HP cylinder: 1.4057
- HP piston: 1.4305
- Fittings: 1.4305
- Balls: 1.4034
- Springs: 1.4310

### Approximate Dimensions:

- Length: 448 mm
- Width: 181 mm
- Height: 275 mm

### Available Options:

- Inert gas service (standard): DLE 75-1-2 (-GG)
- Oxygen service: DLE 75-1-2-GG-S
- CO₂ service: DLE 75-1-2-GG-C
- In-/Outlet: 9/16-18UNF DLE 75-1-2-UU
- In-/Outlet: 1/4NPT DLE 75-1-2-NN

### Available Accessories:

- Air control units with filter pressure regulator, control pressure gauge and shut off valve: DLE 75-1-2 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 75-1-2 with C2/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.
MAXIMATOR
Maßzeichnung / Dimension drawing
Typ / type: DLE 15 – 1 – 2, DLE 30 – 1 – 2, DLE 75 – 1 – 2

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