Air Amplifier GPLV 5

**Technical Data:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlet pressure</td>
<td>1 to 60 bar</td>
</tr>
<tr>
<td>Outlet pressure</td>
<td>max. 60 bar</td>
</tr>
<tr>
<td>Pressure ratio</td>
<td>1:5</td>
</tr>
<tr>
<td>Medium</td>
<td>Compressed air, nitrogen</td>
</tr>
<tr>
<td>Air Drive Pressure</td>
<td>1 to 10 bar</td>
</tr>
</tbody>
</table>

**Benefits:**
- Direct pressure increase for a single application
- No energy consumption by the air amplifier when the outlet pressure is reached
- Non electrical installation, so application in ex areas possible

**Materials of construction hp section:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wetted material of construction</td>
<td>Aluminium / Stainless Steel</td>
</tr>
<tr>
<td>Dynamic seals</td>
<td>special wear resisting PTFE (Teflon)</td>
</tr>
<tr>
<td>Accessories</td>
<td>Air Control Unit C2 comprising of combined filter pressure regulator, control pressure gauge, shut-off valve</td>
</tr>
</tbody>
</table>

**Packaged Amplifier Systems: GPLV5 / 40 liter / 21 bar**

Comprising:
- Air amplifier GPLV5
- Filter regulator with shut-off valve
- Receiver 40 Liter, 21 bar
- Safety valve 21 bar
- Outlet pressure gauge 0-21 bar, dia. 100 mm

The system comes completely mounted, pressure tested and ready for connection.

Order Code: 3230.0394 / AP201.104.01

**Other available stations:**
- GPLV5/40 Liter/ 40 bar: Order code: 3230.1172 / AP201.206.23
- GPLV5/40 Liter/ 60 bar: Order code: 3230.1241 / AP201.206.32

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.
Performance Graph GPLV 5
Drive Pressure 4 bar

Outlet Flow (l/min)

Outlet Pressure (bar)

Outlet Flow at P_v = 2 bar
Outlet Flow at P_v = 4 bar
Outlet Flow at P_v = 6 bar
Air Consumption at P_v = 2 bar
Air Consumption at P_v = 4 bar
Air Consumption at P_v = 6 bar

Performance Graph GPLV 5
Drive Pressure 6 bar

Outlet Flow (l/min)

Outlet Pressure (bar)

Outlet Flow at P_v = 4 bar
Outlet Flow at P_v = 6 bar
Outlet Flow at P_v = 8 bar
Outlet Flow at P_v = 10 bar
Outlet Flow at P_v = 12 bar
Air Consumption at P_v = 4 bar
Air Consumption at P_v = 6 bar
Air Consumption at P_v = 8 bar
Air Consumption at P_v = 10 bar
Air Consumption at P_v = 12 bar

Performance Graph GPLV 5
Drive Pressure 8 bar

Outlet Flow (l/min)

Outlet Pressure (bar)

Outlet Flow at P_v = 5 bar
Outlet Flow at P_v = 6 bar
Outlet Flow at P_v = 8 bar
Outlet Flow at P_v = 10 bar
Outlet Flow at P_v = 12 bar
Air Consumption at P_v = 5 bar
Air Consumption at P_v = 6 bar
Air Consumption at P_v = 8 bar
Air Consumption at P_v = 10 bar
Air Consumption at P_v = 12 bar

Max. Outlet Pressure 60 bar