## MODEL DATA - FOR COMPRESSED AIR

<table>
<thead>
<tr>
<th></th>
<th>Manufacturer</th>
<th>Model Number</th>
<th>Date</th>
<th>Type</th>
<th># of Stages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Gardner Denver</td>
<td>L22 - 125 psig</td>
<td>3/10/2015</td>
<td>Screw</td>
<td>1</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Air-cooled</th>
<th>Water-cooled</th>
<th>Oil-injected</th>
<th>Oil-free</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

### Rated Capacity at Full Load Operating Pressure

- **acfm a, e:** 116.5

### Full Load Operating Pressure

- **psig b:** 125

### Maximum Full Flow Operating Pressure

- **psig c:** 130

### Drive Motor Nominal Rating

- **hp:** 30

### Drive Motor Nominal Efficiency

- **percent:** 91.7

### Fan Motor Nominal Rating (if applicable)

- **hp:** N/A

### Fan Motor Nominal Efficiency

- **percent:** N/A

### Total Package Input Power at Zero Flow

- **kWe:** 8.5

### Total Package Input Power at Rated Capacity and Full Load Operating Pressure

- **kW d:** 26.7

### Specific Package Input Power at Rated Capacity and Full Load Operating Pressure

- **kW/100 cfm e:** 22.9

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**NOTES:**

a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.

b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.

c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.

d. Total package input power at other than reported operating points will vary with control strategy.

e. Tolerance is specified in ISO 1217, Annex C, as shown in table below.

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### Specific Energy Consumption

- **m3/min**
  - Below 0.5: +/- 7%
  - 0.5 to 1.5: +/- 6%
  - 1.5 to 15: +/- 5%
  - Above 15: +/- 4%

- **ft3/min**
  - Below 0.5: +/- 8%
  - 0.5 to 15: +/- 7%
  - 15 to 50: +/- 6%
  - 50 to 500: +/- 5%
  - Above 500: +/- 5%

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**Member**

**CAGI**

**Compressed Air and Gas Institute**

**Rotary Compressor: Fixed Speed**

**COMPRESSOR DATA SHEET**

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**CONSULT CAGI WEBSITE FOR A LIST OF PARTICIPANTS IN THE THIRD PARTY VERIFICATION PROGRAM:**

[www.cagi.org](http://www.cagi.org)

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**ROT 030**

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This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.