## COMPRESSOR DATA SHEET
### Rotary Compressor: Fixed Speed

### MODEL DATA - FOR COMPRESSED AIR

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Manufacturer:</td>
<td>Atlas Copco</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Model Number:</td>
<td>ZT 45-125</td>
<td>Date:</td>
<td>01-07-2019</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td></td>
<td>Air-cooled</td>
<td>Water-cooled</td>
<td>Type: Other</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.2</td>
<td></td>
<td>Oil-injected</td>
<td>Oil-free</td>
<td># of Stages: 2</td>
</tr>
</tbody>
</table>

### Rated Capacity at Full Load Operating Pressure

- **a, e**
  - 3* acfm

### Full Load Operating Pressure

- **b**
  - 4 125 psig

### Maximum Full Flow Operating Pressure

- **c**
  - 5 125 psig

### Drive Motor Nominal Rating

- **hp**
  - 6 60

### Drive Motor Nominal Efficiency

- **percent**
  - 7 94.5

### Fan Motor Nominal Rating (if applicable)

- **hp**
  - 8 3.8

### Fan Motor Nominal Efficiency

- **percent**
  - 9 74.0

### Total Package Input Power at Zero Flow

- **kW**
  - 10* 15.8

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

- **kW**
  - 11 57.1

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

- **kW/100 cfm**
  - 12* 24.8

### NOTES:

- For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.
- Consult CAGI website for a list of participants in the third party verification program: www.cagi.org

- 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:

### Specific Energy Consumption at specified conditions

<table>
<thead>
<tr>
<th>Volume Flow Rate</th>
<th>Specific Energy Consumption</th>
<th>No Load / Zero Flow Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft³/min</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Below 0.5</td>
<td>+/- 7</td>
<td>+/- 8</td>
</tr>
<tr>
<td>0.5 to 1.5</td>
<td>+/- 6</td>
<td>+/- 7</td>
</tr>
<tr>
<td>1.5 to 15</td>
<td>+/- 5</td>
<td>+/- 6</td>
</tr>
<tr>
<td>Above 15</td>
<td>+/- 4</td>
<td>+/- 5</td>
</tr>
</tbody>
</table>

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

- **kw**
  - 11 57.1

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

- **kw/100 cfm**
  - 12* 24.8

### Volume Flow Rate

- **ft³/min**
  - 50 to 500

### ROT 030

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.