## Compressor Data Sheet

**Model Number:** GA 110 VSD-125 (W)  
**Date:** 04-01-2015

<table>
<thead>
<tr>
<th></th>
<th>Manufacturer: Atlas Copco</th>
</tr>
</thead>
</table>
| 2 | **Model Number:** GA 110 VSD-125 (W)  
**Type:** Screw  
**Air-cooled:** No  
**Water-cooled:** Yes  
**Oil-injected:** Yes  
**Oil-free:** No  
**Rated Operating Pressure:** 125 psig  
**Drive Motor Nominal Rating:** 150 hp  
**Drive Motor Nominal Efficiency:** 94.9%  
**Fan Motor Nominal Rating (if applicable):** 0.9 hp  
**Fan Motor Nominal Efficiency:** 30.0%  
**Capacity (acfm):**  
| Max | 761.0 | 18.30 |
| Min | 267.0 | 20.71 |

### Additional Notes:
- **Input Power (kW):**
  - 139.3 Max  
  - 135.0  
  - 121.2  
  - 107.6  
  - 94.4  
- **Specific Power (kW/100 acfm):**
  - 18.30  
  - 18.29  
  - 18.34  
  - 18.42  
  - 18.69  
- **Total Package Input Power at Zero Flow:** 0.0 kW

### Graph:
- **Graph:**
  - **X-axis:** 0 to 25% over maximum capacity  
  - **Y-axis:** 10 to 35, +5 kW/100 acfm increments if necessary above 35

### Additional Information:
- *For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator*
- Consult CAGI website for a list of verified data: www.cagi.org
- **Member**
- **ISO 1217, Annex E:** 1 acfm is actual cubic feet per minute at inlet conditions.
- **No Load Power:** In accordance with ISO 1217, Annex E, if measurement of no load power equals less than 1%, manufacturer may state "not significant" or "0" on the test report.

### Volume Flow Rate at Specified Conditions:

<table>
<thead>
<tr>
<th>Volume Flow Rate</th>
<th>Volume Flow Rate</th>
<th>Specific Energy Consumption</th>
<th>No Load / Zero Flow Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>m³/min</td>
<td>%</td>
<td>%</td>
<td>+/-</td>
</tr>
<tr>
<td>Below 0.5</td>
<td>Below 15</td>
<td>+/- 7</td>
<td>+/- 8</td>
</tr>
<tr>
<td>0.5 to 1.5</td>
<td>15 to 50</td>
<td>+/- 6</td>
<td>+/- 7</td>
</tr>
<tr>
<td>1.5 to 5</td>
<td>50 to 500</td>
<td>+/- 5</td>
<td>+/- 6</td>
</tr>
<tr>
<td>Above 5</td>
<td>Above 500</td>
<td>+/- 4</td>
<td>+/- 5</td>
</tr>
</tbody>
</table>

### Specific Power (kW/100 acfm):

- **Below 0.5:** +/- 7  
- **0.5 to 1.5:** +/- 6  
- **1.5 to 5:** +/- 5  
- **Above 5:** +/- 4  
- **No Load / Zero Flow Power:** +/- 10%