**COMRESSOR DATA SHEET**

**Rotary Compressor:** Fixed Speed

**MODEL DATA - FOR COMPRESSED AIR**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Manufacturer: Atlas Copco</td>
</tr>
</tbody>
</table>
| 2 | **Model Number:** GA 315-200 (W)  
**Type:** Screw |
| 3* | **Rated Capacity at Full Load Operating Pressure**  
acfm<sup>a,c</sup> | 1412  
acfm<sup>a,c</sup> |
| 4 | **Full Load Operating Pressure**  
psig<sup>b</sup> | 200  
psig<sup>b</sup> |
| 5 | **Maximum Full Flow Operating Pressure**  
psig<sup>c</sup> | 203  
psig<sup>c</sup> |
| 6 | **Drive Motor Nominal Rating**  
hp | 350  
hp |
| 7 | **Drive Motor Nominal Efficiency**  
percent | 96.2  
percent |
| 8 | **Fan Motor Nominal Rating (if applicable)**  
hp | -  
hp |
| 9 | **Fan Motor Nominal Efficiency**  
percent | -  
percent |
| 10* | **Total Package Input Power at Zero Flow**  
kW<sup>e</sup> | 79  
kW<sup>e</sup> |
| 11 | **Total Package Input Power at Rated Capacity and Full Load Operating Pressure**  
kW<sup>d</sup> | 329  
kW<sup>d</sup> |
| 12* | **Specific Package Input Power at Rated Capacity and Full Load Operating Pressure**  
kW/100 cfm<sup>e</sup> | 23.3  
kW/100 cfm<sup>e</sup> |

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**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](http://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:

<table>
<thead>
<tr>
<th>Volume Flow Rate at specified conditions</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>ft³/ min</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 15</td>
<td>50 to 500</td>
<td>+/- 5</td>
<td>+/- 6</td>
</tr>
<tr>
<td>Above 15</td>
<td>Above 500</td>
<td>+/- 4</td>
<td>+/- 5</td>
</tr>
</tbody>
</table>

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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.