COMPRESSOR DATA SHEET
Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1. Manufacturer: Atlas Copco

2. Model Number: ZR 315 VSD-125
   Date: 12-17-2018
   Type: Screw

3. Air-cooled [x] Water-cooled
   Oil-injected [x] Oil-free

4. # of Stages: 2

5. Rated Operating Pressure
   100 psig

6. Drive Motor Nominal Rating
   335 hp

7. Fan Motor Nominal Efficiency
   - percent

8. Input Power (kW)
   Capacity (acfm)\textsuperscript{a,d}
   Specific Power (kW/100 acfm)\textsuperscript{d}

<table>
<thead>
<tr>
<th>Input Power (kW)</th>
<th>Capacity (acfm)\textsuperscript{a,d}</th>
<th>Specific Power (kW/100 acfm)\textsuperscript{d}</th>
</tr>
</thead>
<tbody>
<tr>
<td>334.7 Max</td>
<td>1759</td>
<td>19.0</td>
</tr>
<tr>
<td>263.6</td>
<td>1448</td>
<td>18.2</td>
</tr>
<tr>
<td>203.1</td>
<td>1136</td>
<td>17.9</td>
</tr>
<tr>
<td>149.2</td>
<td>825</td>
<td>18.1</td>
</tr>
<tr>
<td>100.6 Min</td>
<td>514</td>
<td>19.6</td>
</tr>
</tbody>
</table>

9. Total Package Input Power at Zero Flow\textsuperscript{c,d}
   20.8 kW

10. Graph: Special Power, kW/100 ACFM

   Note: Graph is only a visual representation of the data in Section 8
   Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35
   X-Axis Scale, 0 to 25% over maximum capacity

   NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

   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 participants in the third party verification program: www.cagi.org

   NOTES:
   a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.
   b. The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
   c. 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.
   d. Tolerance is specified in ISO 1217, Annex E, as shown in table below;
      \*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator.