

COMPRESSOR DATA SHEET

In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

| 1 | Manufacturer: Atlas Copco | | | | | | | | | | | | | | |
|-----------------|---|------------------------|----------------------------------|-----------------|-----------------------------|-----|------|-----|------|-----|------|-----|------|-----|------|
| 2 | Model Number: GA 132 VSDs W-10.4 | Date: | 09-04-2025 | | | | | | | | | | | | |
| | <input type="checkbox"/> Air-cooled <input checked="" type="checkbox"/> Water-cooled | Type: | Screw | | | | | | | | | | | | |
| | | # of Stages: | 1 | | | | | | | | | | | | |
| 3* | Full Load Operating Pressure*(b) | 150.0 | psig*(b) | | | | | | | | | | | | |
| 4 | Drive Motor Nominal Rating | 177.0 | hp | | | | | | | | | | | | |
| 5 | Drive Motor Nominal Efficiency | 96.3 | percent | | | | | | | | | | | | |
| 6 | Fan Motor Nominal Rating (if applicable) | 0.5 | hp | | | | | | | | | | | | |
| 7 | Fan Motor Nominal Efficiency | 31.0 | percent | | | | | | | | | | | | |
| 8* | Input Power (kW) | Capacity (acfm) *(a,d) | Specific Power (kW/100 acfm)*(d) | | | | | | | | | | | | |
| | 156.0 Max | 793.9 | 19.6 | | | | | | | | | | | | |
| | 126.9 | 644.5 | 19.7 | | | | | | | | | | | | |
| | 99.1 | 495.2 | 20.0 | | | | | | | | | | | | |
| | 72.3 | 345.9 | 20.9 | | | | | | | | | | | | |
| | 46.0 Min | 196.6 | 23.4 | | | | | | | | | | | | |
| 9* | Total Package Input Power at Zero Flow*(c,d) | 0.0 | kW | | | | | | | | | | | | |
| 10 | Isentropic Efficiency | 82.3 | % | | | | | | | | | | | | |
| 11 | <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <caption>Graph Data: Specific Power vs Capacity</caption> <thead> <tr> <th>Capacity (ACFM)</th> <th>Specific Power (kW/100ACFM)</th> </tr> </thead> <tbody> <tr><td>200</td><td>23.5</td></tr> <tr><td>350</td><td>21.0</td></tr> <tr><td>500</td><td>20.0</td></tr> <tr><td>650</td><td>19.8</td></tr> <tr><td>800</td><td>19.6</td></tr> </tbody> </table> | | | Capacity (ACFM) | Specific Power (kW/100ACFM) | 200 | 23.5 | 350 | 21.0 | 500 | 20.0 | 650 | 19.8 | 800 | 19.6 |
| Capacity (ACFM) | Specific Power (kW/100ACFM) | | | | | | | | | | | | | | |
| 200 | 23.5 | | | | | | | | | | | | | | |
| 350 | 21.0 | | | | | | | | | | | | | | |
| 500 | 20.0 | | | | | | | | | | | | | | |
| 650 | 19.8 | | | | | | | | | | | | | | |
| 800 | 19.6 | | | | | | | | | | | | | | |

*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:

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



Member

| Volume Flow Rate at specified conditions | | Volume Flow Rate | Specific Energy Consumption | No Load / Zero Flow Power |
|--|-----------------------|------------------|-----------------------------|---------------------------|
| m ³ / min | ft ³ / min | % | % | |
| Below 0.5 | Below 15 | +/- 7 | +/- 8 | +/- 10 |
| 0.5 to 1.5 | 15 to 50 | +/- 6 | +/- 7 | |
| 1.5 to 15 | 50 to 500 | +/- 5 | +/- 6 | |
| Above 15 | Above 500 | +/- 4 | +/- 5 | |

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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.