

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 160 VSDs-10.4 | Date: | 09-04-2025 |
| | <input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled | Type: | Screw |
| | | # of Stages: | 1 |
| 3* | Full Load Operating Pressure*(b) | 150.0 | psig*(b) |
| 4 | Drive Motor Nominal Rating | 214.6 | hp |
| 5 | Drive Motor Nominal Efficiency | 96.3 | percent |
| 6 | Fan Motor Nominal Rating (if applicable) | 5.9 | hp |
| 7 | Fan Motor Nominal Efficiency | 80.0 | percent |
| 8* | Input Power (kW) | Capacity (acfm) *(a,d) | Specific Power (kW/100 acfm)*(d) |
| | 191.2 Max | 958.9 | 19.9 |
| | 152.0 | 768.3 | 19.8 |
| | 114.8 | 577.7 | 19.9 |
| | 78.6 | 387.0 | 20.3 |
| | 44.5 Min | 196.4 | 22.7 |
| 9* | Total Package Input Power at Zero Flow*(c,d) | 0.0 | kW |
| 10 | Isentropic Efficiency | 82.9 | % |
| 11 | | | |

*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.