## **COMPRESSOR DATA SHEET**

**Rotary Compressor: Variable Frequency Drive** 

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Atlas Copco		
2	Model Number: GA 160 V	SD-125 Date:	04-01-2015
	X Air-cooled Water	r-cooled Type:	Screw
	X Oil-injected Oil-fr	ree # of Stages:	1
3	Rated Operating Pressure	125	psig <sup>b</sup>
4	Drive Motor Nominal Rating	215	hp
5	Drive Motor Nominal Efficiency	94.9	percent
6	Fan Motor Nominal Rating (if app	licable) 3.0	hp
7	Fan Motor Nominal Efficiency	80.0	percent
8*	Input Power (kW)	Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	207.1	Max 1075.0	19.27
	183.2	965.0	18.98
	168.0	890.0	18.88
	139.3	738.0	18.88
	98.9	505.0	19.58
	60.0	Min <b>267.0</b>	22.47
9*	Total Package Input Power at Zero	Flow <sup>c, d</sup> <b>0.0</b>	kW
10	Note: Graph Note: Y-Axis Scale	25.00 20.00 15.00	

\*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

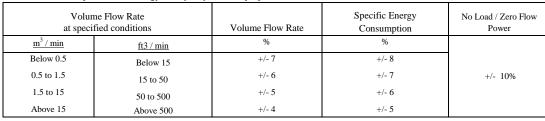
NOTES:

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.



ROT 031

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