## COMPRESSOR DATA SHEET

**Rotary Compressor: Variable Frequency Drive** 

		EL DATA - FOR CO		<u> </u>
1	Manufacturer:	Atlas Copco		
2	Model Number:	GA 250 VSD-125	Date:	05-06-2015
	Air-cooled	x Water-cooled	Type:	Screw
	X Oil-injected Oil-free		# of Stages:	1
3	Rated Operating Pressure		125	psig <sup>b</sup>
4	Drive Motor Nominal Rating		335	hp
5	Drive Motor Nominal Efficiency		96.4	percent
6	Fan Motor Nominal Rating (if applicable)		0.7	hp
7	Fan Motor Nominal	Efficiency	30.0	percent
8*	Input Power (kW)		Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	315.2 Max		1712.0	18.41
	281.9		1554.0	18.14
	249.2		1374.0	18.14
	197.8		1081.0	18.30
	170.6		920.0	18.54
	<b>93.1</b> Min		428.0	21.75
9*	Total Package Input	Power at Zero Flow <sup>c, d</sup>	0.0	kW
10	35.00			
	30.00			
	Specific Power (RW/100 ACFM) 20 00 00 00 00 00 00 00 00 00 00 00 00			
	Specific (kW/100			
	15.00			
	10.00		800 900 1000 1100 1200 1300 y (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			

\*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator

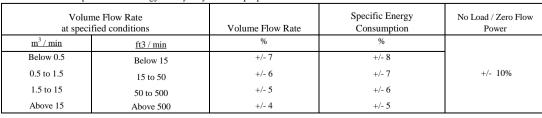
Consult CAGI website for a list of participants in the third party verification program: <a href="www.cagi.org">www.cagi.org</a>

NOTES:

Member

- 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.



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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.