## **COMPRESSOR DATA SHEET**

**Rotary Compressor: Variable Frequency Drive** 

	·	Compressor: Variab DEL DATA - FOR CO	1 0	<u> </u>
1	Manufacturer:	Atlas Copco		
2	Model Number:	GA 160 VSD-200	Date:	04-01-2015
	X Air-cooled	Water-cooled	Type:	Screw
	X Oil-injected	Oil-free	# of Stages:	1
3	Rated Operating Pressure		200	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 applicable)		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>
	<b>206.1</b> Max		824.0	25.01
	179.0		709.0	25.25
	161.7		631.0	25.63
	144.9		552.0	26.25
	128.5		472.0	27.22
		<b>81.4</b> Min	227.0	35.86
9*	Total Package Input	Power at Zero Flow <sup>c, d</sup>	0.0	kW
	40.00			
	35.00			
	30.00 E			
	Specific Power (KW/100 ACFA)			
10	Speci (kW/II)			
10	20.00			
	15.00			
	0 50 100 150 200 250 300 350		400 450 500 550 600 650	700 750 800 850
	Capacity (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: www.cagi.org

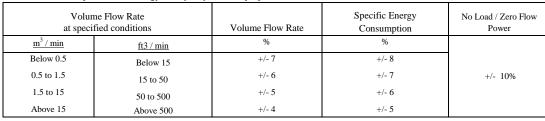
NOTES:

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- 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.