COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

	<u> </u>	FOR COMPRESSED AIR	
1	Manufacturer: Atlas Copco)	
2	Model Number: GA 315 VSI	D-150 Date:	05-06-2015
	X Air-cooled Water-o	cooled Type:	Screw
	X Oil-injected Oil-free	e # of Stages:	1
3	Rated Operating Pressure	150	psig ^b
4	Drive Motor Nominal Rating	400	hp
5	Drive Motor Nominal Efficiency	96.1	percent
6	Fan Motor Nominal Rating (if appli	icable) 4.0	hp
7	Fan Motor Nominal Efficiency	83.0	percent
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	398.5	Max 1924.0	20.71
	349.1	1704.0	20.49
	316.0	1550.0	20.39
	285.0	1394.0	20.44
	223.8	1075.0	20.82
	107.4	Min 418.0	25.69
9*	Total Package Input Power at Zero	Flow ^{c, d} 0.0	kW
10	35.00		
	30.00		
	Specific Power 25.00 -		
	Specific (kW/100		
	15.00		
	10.00 100 200 300 400 50		
	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:

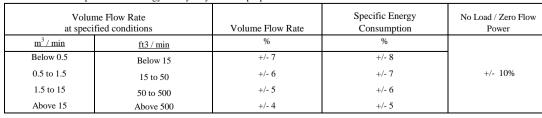
Member

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.



ROT 031

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.