COMPRESSOR DATA SHEET

Rotary Compressor: Variable Frequency Drive

Rotary Compressor: Variable Frequency Drive MODEL DATA - FOR COMPRESSED AIR				
1	Manufacturer: A	tlas Copco		
	Model Number: GA 110 VSD-150 (W)		Date:	04-01-2015
2	Air-cooled X Water-cooled		Type:	Screw
	X Oil-injected Oil-free		# of Stages:	1
3	Rated Operating Pressure		150	psig ^b
4	Drive Motor Nominal Rating		150	hp
5	Drive Motor Nominal Efficiency		94.9	percent
6	Fan Motor Nominal Rating (if applicable)		0.9	hp
7	Fan Motor Nominal Efficiency		30.0	percent
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	139.7 Max		x 673.0	20.76
	134.4		645.0	20.84
	119.6		568.0	21.06
	105.1		489.0	21.49
	90.9		410.0	22.17
	63.0 Min		n 251.0	25.10
9*	Total Package Input Power at Zero Flow ^{c, d}		0.0	kW
10	35.00			
	30.00			
	Specific Power (kW/100 ACFM) Specific Power (COV)			
	Specii (KW/II)			
	15.00 10.00 0 50 100 150 200 250 300			
				550 600 650
	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

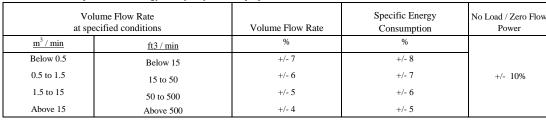
NOTES: a. Measu

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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