

## **COMPRESSOR DATA SHEET**

**Rotary Compressor: Variable Frequency Drive** 

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Atlas Copco		
2	Model Number: GA37VSD+-175 AP	Date:	7/5/2018
	X Air-cooled 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	50	hp
5	Drive Motor Nominal Efficiency	96.8	percent
6	Fan Motor Nominal Rating (if applicable)	1.25	hp
7	Fan Motor Nominal Efficiency	87	percent
8*	Input Power (kW)	Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	48.8 Max	226.0	21.60
	46.4	217.6	21.33
	30.5	152.7	19.98
	19.0	95.2	19.95
	9.3	36.4	25.55
	9.1 Min	34.6	26.32
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>	0.0	kW
10	35.00 30.00 30.00  15.00  15.00  10.00  25.0  50.0  75.0  100.0  Capa  Note: Graph is only a visual I  Note: Y-Axis Scale, 10 to 35, + 5kV	125.0 150.0 175.0 20 city (ACFM) representation of the data in Sec	00.0 225.0 250.0 tion 8

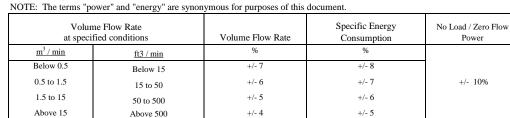
\*For models that are tested in the CAGI Performance Verification Program, these items are verified by program administrator Consult CAGI website for a list of participants in the third party verification program: www.cagi.org

- 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.

Member

- 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:





NOTES:

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.