

## **COMPRESSOR DATA SHEET**

**Rotary Compressor: Variable Frequency Drive** 

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Atlas Copco		
2	Model Number: GA30VSD+-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	40	hp
5	Drive Motor Nominal Efficiency	96.7	percent
6	Fan Motor Nominal Rating (if applicable)	1	hp
7	Fan Motor Nominal Efficiency	77	percent
8*	Input Power (kW)	Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>
	38.6 Max	190.3	20.29
	36.5	181.8	20.07
	30.1	153.7	19.58
	18.9	95.0	19.89
	9.0	36.8	24.47
	8.7 Min	34.7	25.08
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>	0.0	kW
10	35.00 30.00 30.00 25.00 10.00 0.0 25.0 50.0 75.0 Capa Note: Graph is only a visual I Note: Y-Axis Scale, 10 to 35, + 5kV	100.0 125.0 150.0 city (ACFM) representation of the data in Secti	175.0 200.0

\*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>

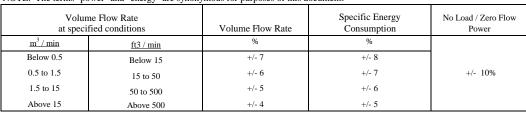
a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.

Member

NOTES:

- 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.