

COMPRESSOR DATA SHEET

In Accordance with Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

	MODI	EL DATA - FOR CO	OMPRESSED AIR (Pro	eliminary Data)
1	Manufacturer:	Atlas Copco		
2	Model Number:	GA15VSDS-175	Date:	2/21/2024
	X Air-cooled	Water-cooled	Type:	Screw
			# of Stages:	1
3	Full Load Operating Pressure ^b		102	psig ^b
4	Drive Motor Nominal Rating		20	hp
5	Drive Motor Nominal Efficiency		94.6	percent
6	Fan Motor Nominal Rating (if applicable)		0.8	hp
7	Fan Motor Nominal Efficiency		80	percent
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	16.8	Max	84.0	20.0
Odh	16.4		82.5	19.8
8*	13.8		73.2	18.8
	9.2		52.6	17.5
	5.7		32.3	17.6
	3.2	Min	14.5	21.8
9*	Total Package Input Power at Zero Flow ^{c, d}		0.0	kW
10	Isentropic Effeciency		73.87	%
11	35.0 — 30.0 — 30.0 — 25.0 — 25.0 — 20.0 — 15.0 —	Note: Graph is only a v Note: Y-Axis Scale, 10 to 35	50.0 Capacity (ACFM) risual representation of the data in Section, + 5kW/100acfm increments if necessary in 1,0 to 25% over maximum capacity	

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

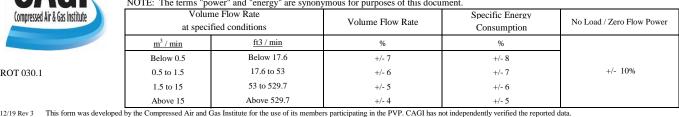
NOTES:

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 (Item 8) and Electrical Consumption (Item 8) 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.





Member

ROT 030.1