

## **COMPRESSOR DATA SHEET**

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

**Rotary Compressor: Variable Frequency Drive** 

		MODEL DATA	- FOR COMPRESSEI	) AIR	
1	Manufacturer:	Atlas Copco			
	Model Number:	GA26VSD-175 C80	Date:	3/17/2022	
2	X Air-cooled 0 Water-cooled		Type:	Screw	
			# of Stages:	1	
3	Full Load Operating Pressure <sup>b</sup>		102	$psig^b$	
4	Drive Motor Nominal Rating		35	hp	
5	Drive Motor Nominal Efficiency		95.1	percent	
6	Fan Motor Nominal Rating (if applicable)		1.1	hp	
7	Fan Motor Nominal Efficiency		80	percent	
	Input Power (kW)		Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfr	n) <sup>d</sup>
	29.4 Max		164.3	17.9	
	24.5		138.4	17.7	
8*	21.9		124.0	17.7	
	16.8		93.9	17.9	
	14.4		78.8	18.3	
	<b>7.0</b> Min		27.7	25.1	
9*	Total Package Input Power at Zero Flow <sup>c, d</sup>		0.0	kW	
10	Isentropic Effeciency		74.49	%	
11	35.0  30.0  30.0  25.0  25.0  15.0  Capacity (ACFM)  Note: Graph is only a visual representation of the data in Section 8  Note: Y-Axis Seale, (10 to 35, + 5kW)100acfm increments if necessary above 35  X-Axis Seale, (10 25% over maximum capacity				

<sup>\*</sup>For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.

Consult CAGI websitefor a list of participants in the third party verification program: <a href="https://www.cagi.org">www.cagi.org</a>

NOTES:

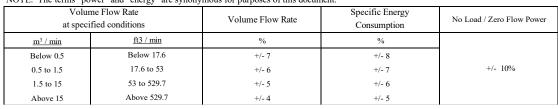
a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E;
 ACFM is actual cubic feet per minute at inlet conditions.

Member

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- 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.





12/19 Rev 3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data