

COMPRESSOR DATA SHEET

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

Rotary Compressor: Variable Frequency Drive

		MODEL DATA	- FOR COMPRESS	ED AIR		
1	Manufacturer:	Atlas Copco				
	Model Number:	GA22VSDS-150 C90	Date:	11/11/202	1	
2	X Air-cooled 0 Water-cooled		Type:	Screw	Screw	
			# of Stages:	1		
3	Full Load Operating Pressure ^b		102	psig ^b	psig ^b	
4	Drive Motor Nominal Rating		30	hp		
5	Drive Motor Nominal Efficiency		94.2	percent	percent	
6	Fan Motor Nominal Rating (if applicable)		1.8	hp	hp	
7	Fan Motor Nominal	Efficiency	y 80		percent	
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW	Specific Power (kW/100 acfm) ^d	
	29.1 Max		176.4	16.5	16.5	
	23.4		142.3	16.4	16.4	
	19.7		119.7	16.5	16.5	
	16.4		98.4	16.6	16.6	
	9.7		55.5	17.5	17.5	
	6.4 Min		34.3	18.5	18.5	
9*	Total Package Input Power at Zero Flow ^{c, d}		0.0	kW		
10	Isentropic Effecienc	У	80.83	%		
11	35.0 30.0 25.0 (KW/100 ACFM) 20.0 15.0		75.0 100.0 Capacity (ACFM)	125.0 150.0 175.0	200.0	

^{*}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: www.cagi.org

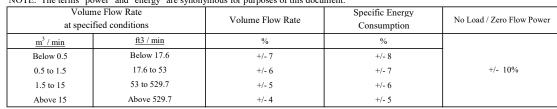
NOTES:

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

- 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.





2/10 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