

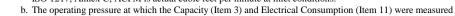
COMPRESSOR DATA SHEET

In Accordance with Federal Uniform Test Method for Certain Lubricated Air Compressors **Rotary Compressor: Fixed Speed**

MODEL DATA - FOR COMPRESSED AIR (Preliminary Data)						
1	Manufacturer: Atlas Cop	со				
	Model Number: GA5-125	D	ate: 10/24/2023			
2	X Air-cooled 0 Wate	r-cooled T	ype: Screw			
		# of Sta	ages: 1			
3*	Rated Capacity at Full Load Operating	Pressure ^{a, e} 28	acfm ^{a,e}			
4	Full Load Operating Pressure ^b	125	psig ^b			
5	Maximum Full Flow Operating Pressur	e ^c 125	psig ^c			
6	Drive Motor Nominal Rating	6	hp			
7	Drive Motor Nominal Efficiency	89.2	percent			
8	Fan Motor Nominal Rating (if applicab	le) 0.0	hp			
9	Fan Motor Nominal Efficiency	0.0	percent			
10*	Total Package Input Power at Zero Flow	^e 1.9	kW ^e			
11	Total Package Input Power at Rated Ca Load Operating Pressure ^d	pacity and Full 7.2	kW^d			
12*	Specific Package Input Power at Rated Full Load Operating Pressure ^e	Capacity and 25.7	kW/100 cfm ^e			
13	Isentropic Efficiency	58.41	Percent			

*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: www.cagi.org

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



for this data sheet. c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the



Member

e. Tolerance is specified in ISO 1217, Annex C, as shown in table below: NOTE: The terms "power" and "energy" are synonymous for purposes of this document. Volume Flow Rate Specific Energy

maximum pressure attainable before capacity control begins. May require additional power. d. Total package input power at other than reported operating points will vary with control strategy.

compressed with a day inscribed	at specified conditions		Volume Flow Rate	Consumption	No Load / Zero Flow Power
	$\underline{m}^3 / \underline{min}$	<u>ft3 / min</u>	%	%	
	Below 0.5	Below 17.6	+/- 7	+/- 8	
	0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
ROT 030.1	1.5 to 15	53 to 529.7	+/- 5	+/- 6	
	Above 15	Above 529.7	+/- 4	+/- 5	

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2/19 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