

COMPRESSOR DATA SHEET

Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer:	A1B2C3, Inc.			
2	Model Number:	12A 22B 40 - 125 psig /		Date:	8/12/2019
	<input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled			Type:	Screw
	<input type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free			# of Stages:	1
3*	Rated Capacity at Full Load Operating Pressure ^{a, e}		175.0	acfm ^{a, e}	
4	Full Load Operating Pressure ^b		125	psig ^b	
5	Maximum Full Flow Operating Pressure ^c		125	psig ^c	
6	Drive Motor Nominal Rating		40	hp	
7	Drive Motor Nominal Efficiency		93.6	percent	
8	Fan Motor Nominal Rating (if applicable)		1.3	hp	
9	Fan Motor Nominal Efficiency		80	percent	
10*	Total Package Input Power at Zero Flow ^e		9.1	kW ^e	
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d		36.12	kW ^d	
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e		18.69	kW/100 cfm ^e	

*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

- NOTES:
- 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.
 - b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
 - c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the 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.
 - 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 at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
m ³ / min	ft ³ / min	%	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8	+/- 10%
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	
1.5 to 15	53 to 529.7	+/- 5	+/- 6	
Above 15	Above 529.7	+/- 4	+/- 5	



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