



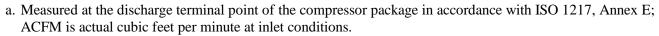
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR											
1	Manufacturer:	Kaish	an Compre	ssor U	SA						
	Model Number:				Date		12/02/22				
2	X Air-coo	X Air-cooled Water-cooled						Type	:	Screw	
	X Lubrica	ıted	Oil Free					# of Stages		1	
3*	Full Load Operat	Full Load Operating Pressure b						psig b			
4	Drive Motor Non		400		hp						
5	Drive Motor Nominal Efficiency					96.2		percent			
6	Fan Motor Nomi	Fan Motor Nominal Rating (if applicable)						hp			
7	Fan Motor Nomi		89.5		percent						
	Input Power			Capacity (acfm) ^{a,d}			Specific Power (kW/100 acfm) ^d				
	367.5			1747		21.04					
8*	242.6				1223		19.84				
	213.2				1048		20.34				
	176.4				874		20.18				
	143.3				699		20.50				
9*	Total Package Input Power at Zero Flow c, d				0.0		kW				
10	Isentropic Efficiency			74.02				%			
11	Specific Power (kW/100 ACFM)	35.00 30.00 25.00 20.00 15.00 10.00 0	200 400 Note: Graph is ote: Y-Axis Scale, X-Axis Scale,	only a visu 10 to 35, +		tation of th	ts if necess		0 1800	2000	

*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:



- 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.

	olume Flow Rate pecified conditions	Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
$\underline{\mathbf{m}^3 / \mathbf{min}}$	ft ³ / min	%	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
1.5 to 15	53 to 529.7	+/- 5	+/- 6	17- 1070
Above 15	Above 529.7	+/- 4	+/- 5	

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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.