



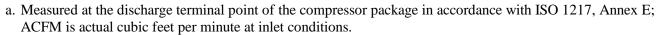
Federal Uniform Test Method for Certain Air Compressors Not Applicable

**Rotary Compressor: Variable Frequency Drive** 

MODEL DATA - FOR COMPRESSED AIR											
1	Manufacturer:	Kaish	an Compr	essor U	SA						
	Model Number:			Date:		12/02/22					
2	X Air-co	X Air-cooled Water-cooled					Type:		Screw		
	X Lubric	ated	Oil Free				# of Stages:		1		
3*	Full Load Opera	'ull Load Operating Pressure b					psig b				
4	Drive Motor No	Drive Motor Nominal Rating					hp				
5	Drive Motor Nominal Efficiency			96	.2	percent					
6	Fan Motor Nominal Rating (if applicable)				7.5 &	21.5	hp				
7	Fan Motor Nominal Efficiency				87.5 &	2 91.0	percent				
8*	Input Power			Capacity	(acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>					
	217.8			124	43	17.52					
	150.3				87	0	17.28				
	130.7				74	6	17.52				
	108.9				62	2	17.51				
	87.1				49	7	17.53				
9*	Total Package Input Power at Zero Flow c, d				0.		kW				
10	Isentropic Efficie	76.	38	%							
11	Specific Power (kW/100 ACFM)	35.00 30.00 25.00 20.00 15.00 10.00 0	ote: Y-Axis Scale	<b>is only a vis</b> e, 10 to 35, +	600 Capacity (ACFM) ual representation 5kW/100acfm incito 25% over maxim	800  of the data in Strements if necess		1200	1400		

\*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: <a href="https://www.cagi.org">www.cagi.org</a>

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 <sup>3</sup> / 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	T/- 1070	
Above 15	Above 529.7	+/- 4	+/- 5		

ROT 031.2

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.