



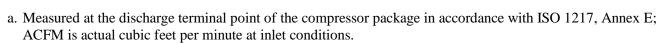
Federal Uniform Test Method for Certain Air Compressors Not Applicable

**Rotary Compressor: Variable Frequency Drive** 

MODEL DATA - FOR COMPRESSED AIR											
1	Manufacturer:	Kaish	an Compi	ressor	USA						
	Model Number: KRSP-300-125 VSD									12/02/22	
2	X Air-coo				Type:		Screw				
	X Lubrica	ited	Oil Free				# o	f Stages:		1	
3*	Full Load Operat	Load Operating Pressure b						psig b			
4	Drive Motor Non	rive Motor Nominal Rating						hp			
5	Drive Motor Non		96.2		percent						
6	Fan Motor Nomi	an Motor Nominal Rating (if applicable)						hp			
7	Fan Motor Nomi	87	<b>7.5 &amp; 91.</b>	0	percent						
	Input Power			Capacity (acfm) <sup>a,d</sup>			Specific Power (kW/100 acfm) <sup>d</sup>				
8*	276.3				1395			19.81			
	182.9				977		18.72				
	159.9			837			19.10				
	133.1			698			19.07				
	108.2				558			19.39			
9*	Total Package Input Power at Zero Flow c, d					0.0		kW			
10	Isentropic Efficiency 78.43						%				
11	Specific Power (kW/100 ACFM)	35.00 30.00 25.00 20.00 15.00 10.00 0	ote: Y-Axis Sca	le, 10 to 35,	+ 5kW/100ac	ntation of the			1400	1600	

\*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.

Member

	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	1/- 10/0
Above 15	Above 529.7	+/- 4	+/- 5	

ROT 031.2

12/19 R3

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.