



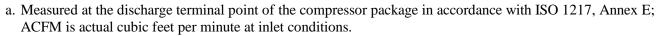
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR											
1	Manufacturer:	Kaish	an Compress	or USA							
	Model Number: KRSP-250-125 VSD								12/02/22		
2	X Air-cooled Water-cooled						Type:		Screw		
	X Lubrica	nted	Oil Free				# of Stages:		1		
3*	Full Load Operating Pressure b				125		b psig				
4	Drive Motor Nominal Rating				250		hp				
5	Drive Motor Nominal Efficiency				96.2	,	percent				
6	Fan Motor Nominal Rating (if applicable)				7.5 &1	1.5	hp				
7	Fan Motor Nominal Efficiency				87.5 & 9	91.0	percent				
	Input Power (kW)			Caj	Capacity (acfm) ^{a,d}		Specific Power (kW/100 acfm) ^d				
	220.1			1164	1164		18.91				
8*	151.9				815			18.64			
	132.1				698			18.93			
	110.1				582			18.92			
	88.0				466		18.3				
9*	Total Package Input Power at Zero Flow c, d				0.0		kW				
10	Isentropic Efficiency				80.03	3	%				
11	Specific Power (kW/100 ACFM)	35.00 30.00 25.00 20.00 15.00 10.00 0	Note: Graph is onlote: Y-Axis Scale, 10 to	Capacity ly a visual repro	esentation of Oacfm incren	nents if necessa		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: 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.