



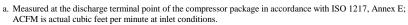
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer: Kaish	an Compressor l	JSA					
	Model Number: KRSI	P2-400-125 VSD		Date:	07/12/21			
2	X Air-cooled Water-cooled			Type:	Screw			
	X Lubricated	Oil Free		# of Stages:	2			
3*	Full Load Operating Pressure b		125	psig <sup>b</sup>				
4	Drive Motor Nominal Rating		400	hp				
5	Drive Motor Nominal Efficiency		96.2	percent				
6	Fan Motor Nominal Rating (if applicable)		15&4	hp				
7	Fan Motor Nominal Efficiency		91.7&89.1	percent				
	Input Power (kW)		Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>				
	368.4		2179	16.91				
8*	302.1	302.1			17.33			
	261.6		1525		17.15			
	195.3		1090	17.92				
	158.4		872		18.17			
9*	Total Package Input Power at Zero Flow c, d		0.0	kW				
10	Isentropic Efficiency			%				
	35.00 30.00 30.00 25.00 20.00							
11	15.00	Note: Graph is only a vis	1000 1500  Capacity (ACFM) sual representation of the data in \$\cdot \cdot \cd		2500			
- 11	15.00	Note: Graph is only a vis Note: Y-Axis Scale, 10 to 35, -	Capacity (ACFM)	Section 8	2500			

\*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="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	Zero Flow Power
m <sup>3</sup> /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	17 1070
Above 15	Above 529.7	+/- 4	+/- 5	

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