



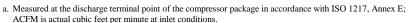
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR									
1	Manufacturer:	Kaish	an Compressor l	JSA					
	Model Number:	KRSP	2-600-100 VSD		Date:	0'	7/12/21		
2	X Air-coole	ed	Water-cooled		Type:	:	Screw		
	X Lubricate	ed 🗌	Oil Free		# of Stages:		2		
3*	Full Load Operating Pressure b			100	psig <sup>b</sup>				
4	Drive Motor Nominal Rating			600	hp				
5	Drive Motor Nomi	inal Effici	ency	96.2	percent				
6	Fan Motor Nominal Rating (if applicable)			3(4)	hp				
7	Fan Motor Nomina	Fan Motor Nominal Efficiency			percent				
8*	Input Power (kW)			Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>				
	525.0			3331	15.76				
	372.8			2332	15.99				
	325.5		1999	16.28					
	278.3			1665		16.71			
	225.8			1332	16.95				
9*		Total Package Input Power at Zero Flow c, d			kW		kW		
10	Isentropic Efficiency			82.24	%		%		
11	30 Specific Power (KW/100 ACFM) 20 15	5.00					-		
	10	0	Note: Graph is only a vis	1500 2000  Capacity (ACFM)  ual representation of the data in 1  5 kW/100acfm increments if neces	Section 8	3000 3	1500		

\*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



- ACFM is actual cubic feet per minute at inlet conditions.

  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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