

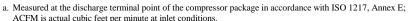


Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR									
1	Manufacturer: Kaishan Compressor USA								
	Model Number: KRSP2-400-100 VSD				Date:	07/12/21			
2	X Air-cooled Water-cooled				Type: Screw				
	X Lubrio	cated	Oil Free		# of Stages:	2			
3*	Full Load Operating Pressure			100	psig ^b				
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) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	359.1			2360	15.22				
8*	294.5			1888	15.60				
	255.0			1652	15.44				
	190.3			1180	16.13				
	154.4			944	16.36				
9*	Total Package Input Power at Zero Flow c, d			0.0	kW				
10	Isentropic Efficiency			85.20	%				
11	Specific Power (kW/100 A.CFM)	35.00							
		20.00	500	500 1000 1500 2000		2500			
	Capacity (ACFM) Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity								

*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:



- 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 ³ /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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