



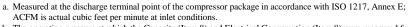
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer: Kaishan Compressor USA							
	Model Number: KRSP2-300-125 VSD			Date:	07/12/21			
2	X Air-cooled Water-cooled			Type:	Screw			
	X Lubricated Oil Free			# of Stages:	2			
3*	Full Load Operating Press	Operating Pressure ^b		psig ^b				
4	Drive Motor Nominal Rating		300	hp				
5	Drive Motor Nominal Efficiency		96.2	percent				
6	Fan Motor Nominal Rating (if applicable)		7.5 &1.5	hp				
7	Fan Motor Nominal Efficie	ency	87.5 & 91.0	percent				
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	281.0		1589	17.68				
8*	199.9		1112	17.98				
	174.2		953	18.28				
	148.9		795	18.73				
	120.8		636	18.99				
9*	Total Package Input Power at Zero Flow c, d		0.0 82.78	kW				
10	Isentropic Efficiency	Isentropic Efficiency		%				
11	35.00							
	25.00 (KA)100 A CFM) 10.00							
	0	200 400 600	0 800 1000 12	200 1400	1600 1800			
	Capacity (ACFM) Note: Graph is only a visual representation of the data in Section 8							
	Note: Graph is omy 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 canacity							

*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





- 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.



Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	Zero Flow Power
$\underline{m}^3 / \underline{min}$	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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