



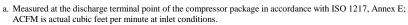
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer:	Kaishan Compressor l	JSA					
	Model Number:	KRSP2-350-100 VSD		Date:	07/12/21			
2	X Air-cooled Water-cooled			Type:	Screw			
	X Lubricate	d Oil Free		# of Stages:	2			
3*	Full Load Operatin	g Pressure ^b	100	psig ^b				
4	Drive Motor Nominal Rating		350	hp				
5	Drive Motor Nominal Efficiency		96.2	percent				
6	Fan Motor Nominal Rating (if applicable)		15&4	hp				
7	Fan Motor Nomina	an Motor Nominal Efficiency		percent				
	Input Power (kV	W)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	324.1		1964	16.50				
8*	230.1		1375	16.73				
	200.9		1178	17.05				
	171.8		982	17.49				
	139.4		786		17.74			
9*	Total Package Input Power at Zero Flow c, d		0.0	kW				
10	Isentropic Efficiency		78.57	%				
11	30.0 30.0 25.0 20.0 20.0 20.0	00						
	15.0	0 500 Note: Graph is only a vis Note: Y-Axis Scale, 10 to 35, 4	1000 1500 Capacity (ACFM) ual representation of the data in \$2.5 kW 100 acfm increments if neces to 25% over maximum capacity		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: 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	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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