



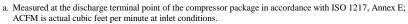
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR									
1	Manufacturer:	Kaish	an Compressor l	JSA					
	Model Number:	KRSP	P-300-100 VSD		Date:	12	2/02/22		
2	X Air-cooled Water-cooled				Туре:	5	Screw		
	X Lubricat	ted	Oil Free		# of Stages:		1		
3*		Full Load Operating Pressure			or Stagesi	psig			
4	Drive Motor Nom			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 Nomir	Fan Motor Nominal Efficiency			percent				
8*	Input Power (kW)			Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	271.3			1492	18.18				
	179.1			1044		17.16			
	157.4			895	17.59				
	130.2			746		17.45			
	105.8			597		17.72			
9*	Total Package Input Power at Zero Flow c, d			0.0	kW		kW		
10	Isentropic Efficiency			75.76	%		%		
		35.00					-		
11	ecific Pov	25.00					-		
	1	15.00					-		
	1	10.00	200 400	600 800 1000	1200	1400 1	600		
	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: 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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