



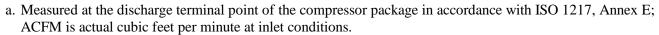
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR									
1	Manufacturer:	Kaish	an Compresso	r USA					
	Model Number:	KRSP	-300-100 VSD			Γ	Date:	12/02/22	
2	X Air-coo	X Air-cooled Water-cooled				Т	ype:	Screw	
	X Lubrica	ıted	Oil Free			# of Sta	iges:	1	
3*	Full Load Operati	ing Pressure	b		100		psig b		
4	Drive Motor Non	ninal Rating			300		hp		
5	Drive Motor Non	Drive Motor Nominal Efficiency			96.2		percent		
6	Fan Motor Nomir	Fan Motor Nominal Rating (if applicable)			7.5 &1.5		hp		
7	Fan Motor Nomir	nal Efficienc	;y	87	7.5 & 91.0)	percent		
	Input Power (kW)			Capa	city (acfm	ı) ^{a,d}	Specific Power (kW/100 acfm) ^d		
	271.3				1492		18.18		
8*	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		
10	Isentropic Efficie	Isentropic Efficiency			75.76		%		
11	Specific Power (kW/100 ACFM)	35.00 30.00 25.00 20.00 15.00 10.00 0	200 400 Note: Graph is only a Jote: Y-Axis Scale, 10 to 3 X-Axis Sca		ntation of the o	if necessary above 35		1600	

*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.

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Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / 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	1/- 10/0	
Above 15	Above 529.7	+/- 4	+/- 5		

ROT 031.2

12/19 R3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data.