



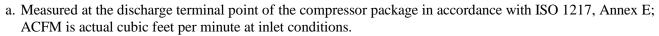
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR									
1	Manufacturer:	Kaishan Compressor U	JSA						
	Model Number:	KRSP-350-125 VSD		Date:	02/07/21				
2	X Air-cooled	d Water-cooled		Type:	Screw				
	X Lubricated	d Oil Free		# of Stages:	1				
3*	Full Load Operating	Full Load Operating Pressure b		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 Nominal	Fan Motor Nominal Efficiency		percent					
	Input Power (k'	W)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d					
	317.9		1681	18.91					
8*	209.8		1126	18.63					
	152.6		783	19.49					
	124.0		620	20.00					
	79.5		359	22.14					
9*	Total Package Input Power at Zero Flow c, d		0.0	kW					
10	Isentropic Efficiency	<u>y</u>	79.41	%					
11	Specific Power (kW/100 ACFM) 20	Note: Graph is only a visu Note: Y-Axis Scale, 10 to 35, +	0 800 1000 1 Capacity (ACFM) sual representation of the data in Section 1000 1000 1000 1000 1000 1000 1000 10		1600 1800				

*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.



Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / 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	

ROT 031.2

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.