



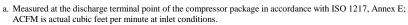
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR								
1	Manufacturer: Kais	han Compressor L	JSA					
	Model Number: KRSP-350-100 VSD		Date:	12/29/20				
2	X Air-cooled Water-cooled			Type:	Screw			
	X Lubricated	Oil Free		# of Stages:	1			
3*	Full Load Operating Pressure b		100	psig				
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 Efficiency		91.7&89.1	percent				
	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	314.5		1875	16.77				
8*	207.6		1293	16.06				
	151.0		900	16.78				
	122.7		712	17.23				
	78.6		412	19.08				
9*	Total Package Input Power at Zero Flow c, d		0.0	kW				
10	Isentropic Efficiency		80.68	%				
11	35.00 30.00 Specific Power (RW) 20.00 - 20.00							
	10.00	Note: Graph is only a visi Note: Y-Axis Scale, 10 to 35, +	800 1000 1200 Capacity (ACFM) ual representation of the data in 5kW/100acfm increments if near 10 25% over maximum capacity		1800 2000			

*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	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 12/19 R3