

COMPRESSOR DATA SHEET

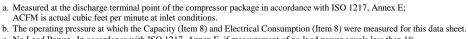
Federal Uniform Test Method for Certain Air Compressors Not Applicable

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR									
1	Manufacturer: Kaishan Compressor USA								
	Model Number: KRSP2-250-125 VSD			Date:	07/12/21				
2	X Air-coole	d Water-cooled		Type:	Screw				
	X Lubricate			# of Stages:	2				
3*	Full Load Operating	ng Pressure ^b	125	psig b					
4	Drive Motor Nomi		250	hp					
5	Drive Motor Nomi	Drive Motor Nominal Efficiency		percent					
6	Fan Motor Nomina	al Rating (if applicable)	7.5 &1.5	hp					
7	Fan Motor Nomina	al Efficiency	87.5 & 91.0	percent					
8*	Input Power (k'	W)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d					
	225.2		1339	16.82					
	184.7		1071	17.25					
	159.9		937	17.07					
	119.4		670	17.82					
	96.8		536	18.06					
9*	Total Package Input Power at Zero Flow c, d		0.0 87.13	kW					
10	Isentropic Efficien	Isentropic Efficiency		%					
11	Specific Power (RW/100 ACFM) 20 215	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	600 800 1000 Capacity (ACFM) sual representation of the data in + 5kW/100acfm increments if nece 0 to 25% over maximum capacity		1400 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



- 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.

Member

Compressed Air & Gas Institute

Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	Zero Flow Power
$\underline{\mathbf{m}}^3 / \underline{\mathbf{min}}$	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.