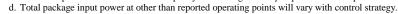
	Rotary Compressor: Fig	xed Speed					
MODEL DATA - FOR COMPRESSED AIR							
1	Manufacturer: Kaishan Compressor	ISA					
2	Model Number: KRSP-250-125	Date:	6/30/2020				
	X Air-cooled Water-cooled	Type:	Screw				
	X Oil-injected Oil-free	# of Stages:	1				
	Rated Capacity at Full Load Operating Pressure a, e						
3*		1189.0	acfm ^{a,e}				
4	Full Load Operating Pressure ^b	125	psig ^b				
5	Maximum Full Flow Operating Pressure ^c	125	psig ^c				
6	Drive Motor Nominal Rating	250	hp				
7	Drive Motor Nominal Efficiency	96.2	percent				
8	Fan Motor Nominal Rating (if applicable)	7.5 & 2.0	hp				
9	Fan Motor Nominal Efficiency	91.0 & 87.5	percent				
10*	Total Package Input Power at Zero Flow ^e	41.5	kW ^e				
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d	215.50	$k\mathbf{W}^{d}$				
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure ^e	18.12	kW/100 cfm				
13	Isentropic Efficiency	82.87	Percent				

*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: <u>www.cagi.org</u>

a. Measured at the discharge terminal point of the compressor package in accordance with

ISO 1217, Annex C; ACFM is actual cubic feet per minute at inlet conditions.

- b. The operating pressure at which the Capacity (Item 3) and Electrical Consumption (Item 11) were measured for this data sheet.
- c. Maximum pressure attainable at full flow, usually the unload pressure setting for load/no load control or the maximum pressure attainable before capacity control begins. May require additional power.



e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:



Member

ROT 030.2

NOTES:

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.

	ne Flow Rate fied conditions	Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power	
$\underline{m^3 / \min}$	<u>ft³ / min</u>	%	%	%	
Below 0.5	Below 17.6	+/- 7	+/- 8		
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	. / 100/	
1.5 to 15	53 to 529.7	+/- 5	+/- 6	+/- 10%	
Above 15	Above 529.7	+/- 4	+/- 5		

12/19 Rev 3 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.