			COMPRESSOR DAT			
		· · · · ·	ompressor: Variab	<u> </u>	e	1
		MODE	L DATA - FOR CO	MPRESSED AIR		
1	Man	ufacturer:	Quincy Compressor			
	Mod	el Number:	QGV-100	Date:	Aug-11	
2		Air-cooled	X Water-cooled	Type:	Screw	
	X	Oil-injected	Oil-free	# of Stages:	1	
3	Rate	d Operating Press	ure	100	psig <sup>b</sup>	
4	Driv	e Motor Nominal	Rating	100	hp	
5	Driv	e Motor Nominal	Efficiency	95.7	percent	
6	Fan	Motor Nominal Ra	ating (if applicable)	3	hp	
7	7 Fan Motor Nominal Efficiency			78.5	percent	
	Input Power (kW)			Capacity (acfm) <sup>a,d</sup>	Specific Power (kW/100 acfm) <sup>d</sup>	
		87.1	Max	470.9	18.50	
0*		79.	.2	429.4	18.44	
8*		71.	.9	390.0	18.44	
		53.	.7	288.4	18.62	
		35.	.5	186.6	19.02	
		17.3	Min	89.5	19.33	
9*	Tota	l Package Input Po	ower at Zero Flow <sup>c, d</sup>	0.0	kW	
10 *For m			Note: Graph is only a visual r Note: Y-Axis Scale, 10 to 35, + 5kW X-Axis Scale, 0 to 2:	city (ACFM) epresentation of the data in Secti //100acfm increments if necessary 5% over maximum capacity	on 8	ıtor
Consu NOT Member: COMPRESSED 2 CAGI CAGI CAGI CAS INSTITUTE	ES: a. b. c.	Measured at the discha ISO 1217, Annex E; at The operating pressure No Load Power. In ac manufacturer may stat Tolerance is specified NOTE: The terms "por Volum	cipants in the third party ver arge terminal point of the comp cfm is actual cubic feet per mire e at which the Capacity and Ele cordance with ISO 1217, Anne e "not significant" or "0" on th in ISO 1217, Annex E, as show wer" and "energy" are synonyn me Flow Rate fied conditions <u>ft3 / min</u> Below 15 15 to 50	pressor package in accordance nute at inlet conditions. extrical Consumption were me ex E, if measurement of no lo e test report. wn in table below:	easured for this data sheet. ad power equals less than 1%,	No Load / Zero Flow Power +/- 10%
		1.5 to 15	15 to 50 50 to 500	+/- 5	+/- 6	., 2070
ROT 031		Above 15	Above 500	+/- 4	+/- 5	
/11 R6 This for	m was develop	ed by the Compressed Ai	r and Gas Institute for the use of	its members. CAGI has not inde	pendently verified the reported da	ita.