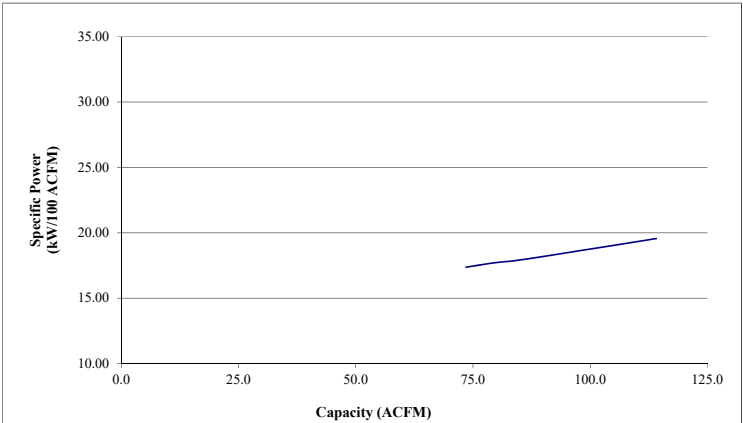


**COMPRESSOR DATA SHEET**

**Rotary Vane Compressor: Variable Frequency Drive**

<b>MODEL DATA - FOR COMPRESSED AIR</b>			
1	Manufacturer: <b>Mattei Compressors</b>		
2	Model Number: <b>BLADE 18 i @500hrs</b>		Date: <b>Jun-18</b>
	<input checked="" type="checkbox"/> Air-cooled <input type="checkbox"/> Water-cooled	Type:	<b>Vane</b>
	<input checked="" type="checkbox"/> Oil-injected <input type="checkbox"/> Oil-free	# of Stages:	<b>1</b>
3	Rated Operating Pressure	<b>102</b>	psig <sup>b</sup>
4	Drive Motor Nominal Rating	<b>25</b>	hp
5	Drive Motor Nominal Efficiency	<b>92.6</b>	percent
6	Fan Motor Nominal Rating (if applicable)	<b>n/a</b>	hp
7	Fan Motor Nominal Efficiency	<b>n/a</b>	percent
8	Input Power (kW)	Capacity (acfm) <sup>a</sup>	Specific Power (kW/100 acfm)
	22.32    Max	<b>114.1</b>	<b>19.56</b>
	19.40	<b>102.6</b>	<b>18.90</b>
	18.00	<b>96.9</b>	<b>18.58</b>
	15.32	<b>85.4</b>	<b>17.94</b>
	14.03	<b>79.3</b>	<b>17.69</b>
12.78    Min	<b>73.6</b>	<b>17.37</b>	
9	Total Package Input Power at Zero Flow <sup>c</sup>	<b>2.25</b>	kW
10	 <p align="center"><b>Note: Graph is only a visual representation of the data in Section 8</b></p>		

- NOTES:
- a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E; acfm is actual cubic feet per minute at inlet conditions.
  - b. The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet.
  - c. No Load Power. In accordance with ISO 1217, Annex E.

