

## COMPRESSOR DATA SHEET

### Rotary Vane Compressor: Variable Frequency Drive

#### MODEL DATA - FOR COMPRESSED AIR

1	Manufacturer: <b>Mattei Compressors</b>		
2	Model Number: <b>BLADE 22 i</b>		Date: <b>May-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>131</b>	psig <sup>b</sup>
4	Drive Motor Nominal Rating	<b>30</b>	hp
5	Drive Motor Nominal Efficiency	<b>93</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)
	23.67	Max	<b>106.3</b>
	21.88		<b>99.9</b>
	20.15		<b>93.6</b>
	18.45		<b>87.2</b>
	17.63		<b>84.0</b>
	16.80	Min	<b>80.9</b>
9	Total Package Input Power at Zero Flow <sup>c, d</sup>		<b>2.50</b>
10	<div style="text-align: center;"> <p style="font-size: small;">Note: Graph is only a visual representation of the data in Section 8</p> </div>		

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.

