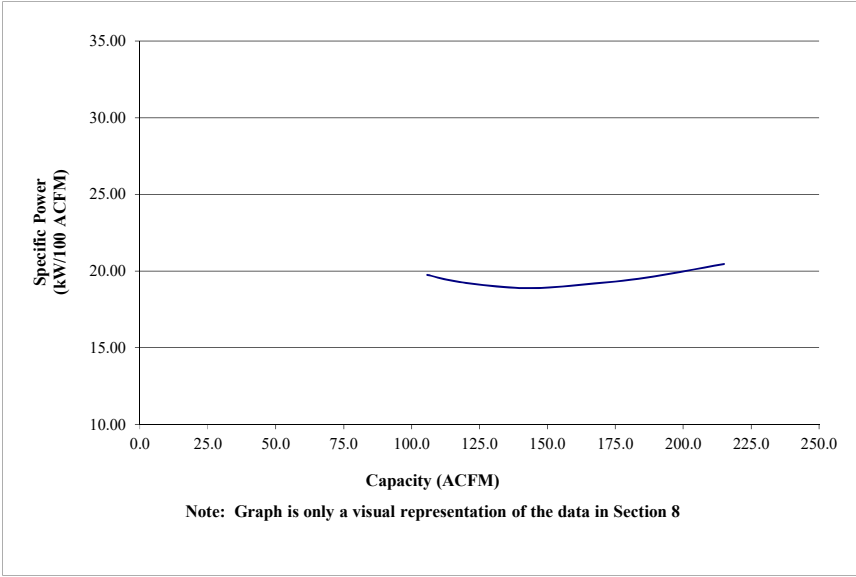


COMPRESSOR DATA SHEET

Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

| | | | |
|----|--|---------------------------------------|------------------------------|
| 1 | Manufacturer: Mattei | | |
| 2 | Model Number: OPTIMA 37 | | Date: Feb-16 |
| | <input checked="" type="checkbox"/> Air-cooled | <input type="checkbox"/> Water-cooled | Type: Vane |
| | <input checked="" type="checkbox"/> Oil-injected | <input type="checkbox"/> Oil-free | # of Stages: 1 |
| 3 | Rated Operating Pressure | 102 | psig ^b |
| 4 | Drive Motor Nominal Rating | 50 | hp |
| 5 | Drive Motor Nominal Efficiency | 94.5 | percent |
| 6 | Fan Motor Nominal Rating (if applicable) | n/a | hp |
| 7 | Fan Motor Nominal Efficiency | n/a | percent |
| 8 | Input Power (kW) | Capacity (acfm) ^a | Specific Power (kW/100 acfm) |
| | 44.00 Max | 215.0 | 20.47 |
| | 36.55 | 186.7 | 19.58 |
| | 31.40 | 164.1 | 19.13 |
| | 26.65 | 141.1 | 18.89 |
| | 22.70 | 117.7 | 19.29 |
| | 20.90 Min | 105.8 | 19.75 |
| 9 | Total Package Input Power at Zero Flow ^c | | 5.40 kW |
| 10 |  <p style="text-align: center;">Note: Graph is only a visual representation of the data in Section 8</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.

