

COMPRESSOR DATA SHEET

Rotary Vane Compressor: Fixed Speed

MODEL DATA - FOR COMPRESSED AIR

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|----|---|--------------|-------------------|
| 1 | Manufacturer: Mattei Compressors, Inc. | | |
| 2 | Model Number: BLADE 15 LX | Date: | Jun-18 |
| | <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 Capacity at Full Load Operating Pressure ^a | 104.0 | acfm ^a |
| 4 | Full Load Operating Pressure ^b | 109 | psig ^b |
| 5 | Maximum Full Flow Operating Pressure ^c | 116 | psig ^c |
| 6 | Drive Motor Nominal Rating | 20 | hp |
| 7 | Drive Motor Nominal Efficiency | 93.0 | percent |
| 8 | Fan Motor Nominal Rating (if applicable) | 0.7 | hp |
| 9 | Fan Motor Nominal Efficiency | 64.7 | percent |
| 10 | Total Package Input Power at Zero Flow | 4.0 | Kw |
| 11 | Total Package Input Power at Rated Capacity and Full Load Operating Pressure ^d | 21.8 | kW ^d |
| 12 | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure | 20.94 | kW/100 cfm |

NOTES:

- 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.
- d. Total package input power at other than reported operating points will vary with control strategy.

