COMPRESSOR DATA SHEET
Rotary Vane Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR

1 Manufacturer: Mattei Compressors

2 Model Number: BLADE 15i  Date: May-18

   Air-cooled    Water-cooled  Type: Vane
   Oil-injected  Oil-free     # of Stages: 1

3 Rated Operating Pressure  116 psig

4 Drive Motor Nominal Rating  20 hp

5 Drive Motor Nominal Efficiency  92.1 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)

   19.57  Max  88.3  22.17
   16.90  78.8  21.46
   15.62  74.2  21.06
   14.38  69.6  20.67
   13.17  64.6  20.38
   11.99  Min  60.0  19.97

9 Total Package Input Power at Zero Flowc  1.90 kW

10

   Note: Graph is only a visual representation of the data in Section 8

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.