## **COMPRESSOR DATA SHEET**



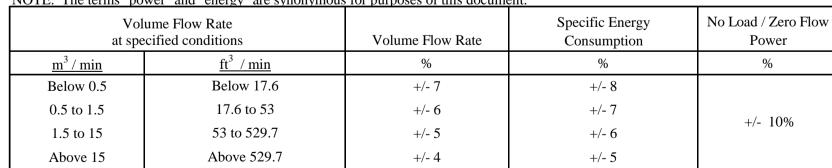
## Federal Uniform Test Method for Certain Air Compressors Not Applicable Rotary Compressor: Fixed Speed

| MODEL DATA - FOR COMPRESSED AIR |   |                      |              |                         |
|---------------------------------|---|----------------------|--------------|-------------------------|
| 1                               | Manufacturer:   | Gardner Denver       |              |                         |
|                                 | Model Number:   | L05-7.5hp-130psi-1PH | Date:        | 1/4/2021                |
| 2                               | X Air-cooled  | Water-cooled         | Type:        | Screw                   |
|                                 | X Oil-injected  | Oil-free             | # of Stages: | 1                       |
| 3*                              | Rated Capacity at Full Load Operating Pressure a, e                                       |                      | 20.2         | acfm <sup>a,e</sup>     |
| 4                               | Full Load Operating Pressure b  |                      | 130          | psig b                  |
| 5                               | Maximum Full Flow Operating Pressure <sup>c</sup>   |                      | 137          | psig <sup>c</sup>       |
| 6                               | Drive Motor Nominal Rating  |                      | 7.5          | hp                      |
| 7                               | Drive Motor Nominal Efficiency  |                      | 89.5         | percent                 |
| 8                               | Fan Motor Nominal Rating (if applicable)  |                      | N/A          | hp                      |
| 9                               | Fan Motor Nominal Efficiency  |                      | N/A          | percent                 |
| 10*                             | Total Package Input Power at Zero Flow  |                      | 2            | kW <sup>e</sup>         |
| 11                              | Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup> |                      | 5.80         | $kW^d$                  |
| 12*                             | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure           |                      | 28.71        | kW/100 cfm <sup>e</sup> |

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.
- e. Tolerance is specified in ISO 1217, Annex C, as shown in table below:

NOTE: The terms "power" and "energy" are synonymous for purposes of this document.



Member

ROT 030.2

12/19 Rev 3 This form was developed by the Compressed Air and Gas Institute for the use of its members participating in the PVP. CAGI has not independently verified the reported data.

Configurator: L04-05A

<sup>\*</sup>For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator. Consult CAGI website for a list of participants in the third party verification program: www.cagi.org