

## **COMPRESSOR DATA SHEET**

## In Accordance with Federal Uniform Test Method for Certain **Lubricated Air Compressors**

**Rotary Compressor: Fixed Speed** 

| MODEL DATA - FOR COMPRESSED AIR |  |              |              |                         |
|---------------------------------|--|--------------|--------------|-------------------------|
| 1                               | Manufacturer:  | Atlas Copco  |              |                         |
|                                 | Model Number:  | GA26-175     | Date:        | 6/29/2020               |
| 2                               | X Air-cooled   | Water-cooled | Type:        | Screw                   |
|                                 |  |              | # of Stages: | 1                       |
| 3*                              | Rated Capacity at Full Load Operating Pressure a, e  |              | 120          | acfm <sup>a,e</sup>     |
| 4                               | Full Load Operating Pressure b   |              | 174          | psig b                  |
| 5                               | Maximum Full Flow Operating Pressure c   |              | 181          | psig                    |
| 6                               | Drive Motor Nominal Rating   |              | 35           | hp                      |
| 7                               | Drive Motor Nominal Efficiency   |              | 92.4         | percent                 |
| 8                               | Fan Motor Nominal Rating (if applicable)   |              | 0.9          | hp                      |
| 9                               | Fan Motor Nominal Efficiency   |              | 77.0         | percent                 |
| 10*                             | Total Package Input Power at Zero Flow <sup>e</sup>  |              | 7.2          | kW <sup>e</sup>         |
| 11                              | Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup>    |              | 30.9         | $kW^d$                  |
| 12*                             | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>e</sup> |              | 25.8         | kW/100 cfm <sup>e</sup> |
| 13                              | Isentropic Efficiency  |              | 69.33        | Percent                 |

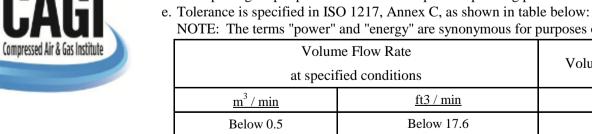
NOTES:

- 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.

Member

- 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.

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



ROT 030.1

Specific Energy No Load / Zero Volume Flow Rate Flow Power Consumption ft3 / min % % Below 17.6 +/- 7 +/- 8 17.6 to 53 0.5 to 1.5 +/- 10% +/- 6 +/- 7 53 to 529.7 1.5 to 15 +/- 5 +/- 6 Above 15 Above 529.7 +/- 4 +/- 5

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. 12/19 Rev 3

<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