

## **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:                                                                             | G110-108              | Date:        | 7/22/2020               |
| 2                               | X Air-cooled                                                                              | <b>0</b> Water-cooled | Type:        | Screw                   |
|                                 |                                                                                           |                       | # of Stages: | 1                       |
| 3*                              | Rated Capacity at Full Load Operating Pressure a, e                                       |                       | 700          | acfm <sup>a,e</sup>     |
| 4                               | Full Load Operating Pressure <sup>b</sup>                                                 |                       | 108          | psig b                  |
| 5                               | Maximum Full Flow Operating Pressure <sup>c</sup>                                         |                       | 108          | psig                    |
| 6                               | Drive Motor Nominal Rating                                                                |                       | 147          | hp                      |
| 7                               | Drive Motor Nominal Efficiency                                                            |                       | 95.0         | percent                 |
| 8                               | Fan Motor Nominal Rating (if applicable)                                                  |                       | 4.0          | hp                      |
| 9                               | Fan Motor Nominal Efficiency                                                              |                       | 89.5         | percent                 |
| 10*                             | Total Package Input Power at Zero Flow <sup>e</sup>                                       |                       | 26.8         | kW <sup>e</sup>         |
| 11                              | Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup> |                       | 124          | kW <sup>d</sup>         |
| 12*                             | Specific Package Input Power at Rated Capacity and Full Load Operating Pressure           |                       | 17.7         | kW/100 cfm <sup>e</sup> |
| 13                              | Isentropic Efficiency                                                                     |                       | 78.30        | Percent                 |

<sup>\*</sup>For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator.

Consult CAGI websitefor a list of participants in the third party verification program:

www.cagi.org

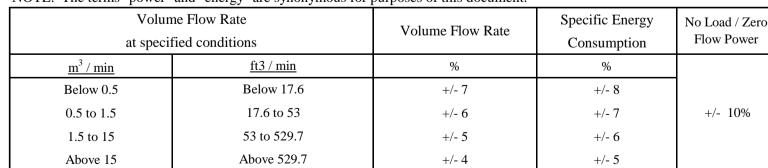
NOTES:

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.

Member

- 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.



ROT 030.1

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.