## COMPRESSOR DATA SHEET Federal Uniform Test Method for Certain Air Compressors Not Applicable

## **Rotary Compressor: Fixed Speed**

## **MODEL DATA - FOR COMPRESSED AIR**

1	Manufacturer: ELGi			
	Model Number: OF210-100 Date:		06/26/2020	
2	Air-cooled X Water-cooled	Type:		
	Oil-injected X Oil-free	# of Stages:		
3*	Rated Capacity at Full Load Operating Pressure a, e	1468	acfm <sup>a,e</sup>	
4	Full Load Operating Pressure <sup>b</sup>	100	psig <sup>b</sup>	
5	Maximum Full Flow Operating Pressure <sup>c</sup>	103	psig <sup>c</sup>	
6	Drive Motor Nominal Rating	300	hp	
7	Drive Motor Nominal Efficiency	95.8	percent	
8	Fan Motor Nominal Rating (if applicable)	NIL	hp	
9	Fan Motor Nominal Efficiency	NA	percent	
10*	Total Package Input Power at Zero Flow <sup>e</sup>	49.89	kW <sup>e</sup>	
11	Total Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>d</sup>	249.43	$kW^d$	
12*	Specific Package Input Power at Rated Capacity and Full Load Operating Pressure <sup>e</sup>	16.99	kW/100 cfm <sup>e</sup>	

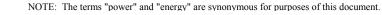
\*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator. Consult CAGI website for a list of participants in the third party verification program: <u>www.cagi.org</u>

NOTES:

**LVCI** 

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:



Compressed Air & Gas Institute	Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
	$\underline{m^3 / \min}$	<u>ft<sup>3</sup> / min</u>	%	%	%
Member	Below 0.5	Below 17.6	+/- 7	+/- 8	
	0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	1/ 100/
	1.5 to 15	53 to 529.7	+/- 5	+/- 6	+/- 10%
ROT 030.2	Above 15	Above 529.7	+/- 4	+/- 5	

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.