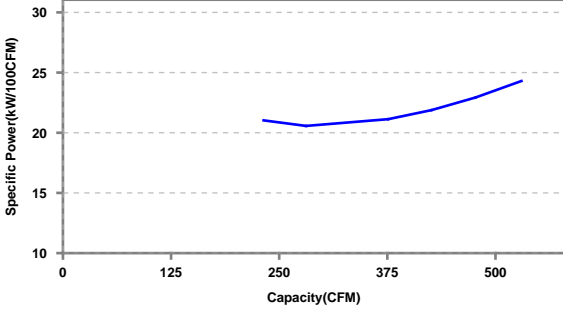


COMPRESSOR DATA SHEET

In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors

Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: ELGi		
2	Model Number: EG110WV-175P		Date: 06/26/2020
	<input type="checkbox"/> Air-cooled	<input checked="" type="checkbox"/> Water-cooled	Type: SCREW
			# of Stages: 1
3*	Full Load Operating Pressure ^b	175	psig ^b
4	Drive Motor Nominal Rating	150	hp
5	Drive Motor Nominal Efficiency	95.8	percent
6	Fan Motor Nominal Rating (if applicable)	0.3754 X 1	hp
7	Fan Motor Nominal Efficiency	NA	percent
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	128.8	530.0	24.30
	109.4	477.0	22.93
	93.2	426.0	21.88
	79.4	376.0	21.13
	57.8	281.0	20.57
8*	48.8	232.0	21.03
9*	Total Package Input Power at Zero Flow ^{c, d}	0.00	kW
10	Isentropic Efficiency	81.96	%
11	 <p style="text-align: center; font-size: small;"> Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary above 35 X-Axis Scale, 0 to 25% over maximum capacity </p>		

*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator



Website for a list of participants in the third party verification program: www.cagi.org

a. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217, Annex E;

manufacturer may state "not significant" or "0" on the test report.

d. Tolerance is specified in ISO 1217, Annex E, as shown in table below:

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

Member

Volume Flow Rate at specified conditions		Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
m ³ / min	ft ³ / min	%	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	
1.5 to 15	53 to 529.7	+/- 5	+/- 6	+/- 10%
Above 15	Above 529.7	+/- 4	+/- 5	

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