COMPRESSOR DATA SHEET



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

Rotary Compressor: Variable Frequency Drive

2	del Number: ELGi X Air-cooled Load Operating Press ve Motor Nominal Rative Motor Nominal Ratin Motor Nominal Effici Input Power 130.7 117.6 108.7	Water-cooled sure b ing iciency g (if applicable)	150 150 95.8 2.1 X 2 NA Capacity (acfm) ^{a,d} 570.0 511.0		12/06/2021 SCREW 1 psig b hp percent hp percent Specific Power kW/100 acfm) d	
2	Air-cooled Load Operating Press we Motor Nominal Rative Motor Nominal Ratin Motor Nominal Effic Input Power 130.7 117.6 108.7	Water-cooled sure b ing iciency g (if applicable)	150 95.8 2.1 X 2 NA Capacity (acfm) ^{a,d} 570.0	Type: # of Stages:	SCREW 1 psig b hp percent hp percent Specific Power kW/100 acfm) d	
3* Full 4 Driv 5 Driv 6 Fan 7 Fan	Load Operating Press we Motor Nominal Rative Motor Nominal Efficient Motor Nominal Efficient Motor Nominal Efficient Input Power 130.7 117.6 108.7	ing iciency g (if applicable)	150 95.8 2.1 X 2 NA Capacity (acfm) ^{a,d} 570.0	# of Stages:	psig ^b hp percent hp percent Specific Power sw/100 acfm) ^d	
4 Driv 5 Driv 6 Fan 7 Fan	we Motor Nominal Rative Motor Nominal Efficient Motor Nominal Efficient Input Power 130.7 117.6 108.7	ing iciency g (if applicable) iency	150 95.8 2.1 X 2 NA Capacity (acfm) ^{a,d} 570.0		psig b hp percent hp percent Specific Power kW/100 acfim) d	
4 Driv 5 Driv 6 Fan 7 Fan	we Motor Nominal Rative Motor Nominal Efficient Motor Nominal Efficient Input Power 130.7 117.6 108.7	ing iciency g (if applicable) iency	150 95.8 2.1 X 2 NA Capacity (acfm) ^{a,d} 570.0		hp percent hp percent Specific Power kW/100 acfm) ^d	
5 Driv 6 Fan 7 Fan	we Motor Nominal Eff Motor Nominal Ratin Motor Nominal Effici Input Powe 130.7 117.6 108.7	iciency g (if applicable) iency	95.8 2.1 X 2 NA Capacity (acfm) ^{a,d} 570.0		percent hp percent Specific Power (W/100 acfm)	
6 Fan 7 Fan	Motor Nominal Ratin Motor Nominal Effici Input Power 130.7 117.6 108.7	g (if applicable)	2.1 X 2 NA Capacity (acfm) ^{a,d} 570.0		hp percent Specific Power kW/100 acfim) ^d	
7 Fan	Motor Nominal Effici Input Power 130.7 117.6 108.7	iency	NA Capacity (acfm) ^{a,d} 570.0		percent Specific Power kW/100 acfim) ^d	
	130.7 117.6 108.7	•	Capacity (acfm) ^{a,d} 570.0		Specific Power	
8*	130.7 117.6 108.7	er (kW)	570.0		kW/100 acfm) ^d	
8*	117.6 108.7			Ì		
8*	117.6 108.7			.	22.93	
8*			511.0	23.01		
			464.0	23.43		
	95.6		405.0	23.60		
	78.5		334.0	23.50		
	61.5		262.0	23.49		
9* Tota	al Package Input Powe	0.00	kW			
	Isentropic Efficiency		70.71		0/0	
11	Specific Power(kW/100CFM) Specific Power(kW/100CFM) 10 0	125	250 375 5 Capacity(CFM)	000		

*For models that are tested in the CAGI Performance Verification Program, these items are verified by the third party administrator bsite 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; ACFM is actual cubic feet per minute at inlet conditions.

 b. The operating pressure at which the Capacity (Item 8) and Electrical Consumption (Item 8) were measured for this data sheet.

 c. No Load Power. In accordance with ISO 1217, Annex E, if measurement of no load power equals less than 1%, 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			Specific Energy	No Load / Zero Flow
		Volume Flow Rate	Consumption	Power
$\underline{\mathbf{m}}^3 / \underline{\mathbf{min}}$	ft ³ / min	%	%	%
Below 0.5	Below 17.6	+/- 7	+/- 8	
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	+/- 10%
1.5 to 15	53 to 529.7	+/- 5	+/- 6	±/= 10%
Above 15	Above 529.7	+/- 4	+/- 5	

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2/19 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