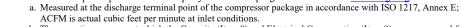


## **COMPRESSOR DATA SHEET**

In Accordance With Federal Uniform Test Method for Certain Lubricated Air Compressors **Rotary Compressor: Variable Frequency Drive** 

X Oil Rated Operatin Drive Motor N Drive Motor N Fan Motor Nor Fan Motor Nor  20- 169 133	r-cooled I-injected ng Pressur ominal R ominal E minal Rat minal Effi Input Po 4.2 9.4 8.4 7.4	re Lating Officiency Ling (if applicable)	D 160	Date: Type: # of Stages: 100 220 96.7 4.0 / 2.0 86 / 83 Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9 839.7	03/07/23  Screw  2 psigbh hp percent hp percent Specific Power (kW/100 acfm)dh 17.22 16.71
X Ain X Oil Rated Operatin Drive Motor N Drive Motor N Fan Motor Nor Fan Motor Nor  200 166 133	r-cooled I-injected ng Pressur ominal R ominal E minal Rat minal Effi Input Po 4.2 9.4 8.4 7.4	Water-coo Oil-free re Lating Officiency Ling (if applicable)	led	Type: # of Stages: 100 220 96.7 4.0 / 2.0 86 / 83  Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9	Screw  2 psigb hp percent hp percent Specific Power (kW/100 acfm)d 17.22 16.71
X Oil Rated Operatin Drive Motor N Drive Motor N Fan Motor Nor Fan Motor Nor  20- 169 133	I-injected ag Pressur ominal R ominal Eminal Rat minal Effi Input Po 4.2 9.4 8.4 7.4	Oil-free re tating  officiency ting (if applicable)		# of Stages: 100 220 96.7 4.0 / 2.0 86 / 83  Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9	psig <sup>b</sup> hp percent hp percent Specific Power (kW/100 acfm) <sup>d</sup> 17.22 16.71
Rated Operating Drive Motor No Drive Motor No Fan Motor No Fan Motor No 200 160 133	ominal Rate minal Efficient Potential Rate 1.2 9.4 8.4 7.4	re Lating Officiency Ling (if applicable) Liciency	Max	100 220 96.7 4.0 / 2.0 86 / 83 Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9	psig <sup>b</sup> hp percent hp percent Specific Power (kW/100 acfm) <sup>d</sup> 17.22 16.71
Drive Motor N Drive Motor N Fan Motor Nor Fan Motor Nor  200 160 133	ominal R ominal E minal Rat minal Effi Input Po 4.2 9.4 8.4 7.4	ating  ifficiency  ting (if applicable)	Max	220 96.7 4.0 / 2.0 86 / 83 Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9	hp percent hp percent Specific Power (kW/100 acfm) <sup>d</sup> 17.22 16.71
Drive Motor N Fan Motor Nor Fan Motor Nor  200 166 133	ominal E minal Rat minal Eff Input Po 4.2 9.4 8.4 7.4	ing (if applicable)	Max	96.7 4.0 / 2.0 86 / 83  Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9	percent hp percent Specific Power (kW/100 acfm) <sup>d</sup> 17.22 16.71
Fan Motor Nor Fan Motor Nor  200 160 133 100 80	minal Rat minal Effi Input Po 4.2 9.4 8.4 7.4	ing (if applicable)	Max	4.0 / 2.0 86 / 83 Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9	hp percent Specific Power (kW/100 acfm) <sup>d</sup> 17.22 16.71
20- 169 133 100	ninal Effi Input Po 4.2 9.4 8.4 7.4	iciency	Max	86 / 83  Capacity (acfm) <sup>a,d</sup> 1185.5  1013.9	percent Specific Power (kW/100 acfm) <sup>d</sup> 17.22 16.71
20- 16- 13- 10- 80	Input Po 4.2 9.4 8.4 7.4		Max	Capacity (acfm) <sup>a,d</sup> 1185.5 1013.9	Specific Power (kW/100 acfm) <sup>d</sup> 17.22 16.71
169 133 100 80	4.2 9.4 8.4 7.4	wer (kW)	Max	1185.5 1013.9	(kW/100 acfm) <sup>d</sup> 17.22 16.71
169 133 100 80	9.4 8.4 7.4		Max	1013.9	16.71
133 100 80	8.4 7.4				
10'	7.4			839.7	
80					16.49
			107.4		
	80.3			469.8	17.09
53	53.3 Min			297.3	17.93
Total Package Input Power at Zero Flow <sup>c, d</sup>			24.3	kW	
Isentropic Effic	eiency			77.2	Percent
Specific Power	25.00 — (KW) (10.00 — 15.00 — 10.00 — 0	100 200 300 400	-	• • • •	
	Specific Power	S (KW)	15.00 - 10.00 200 300 400 Note: Graph is only	15.00	15.00

\*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



- 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

Compressed Air & Gas Institute

NOTES:

Volume Flow Rate			Specific Energy	
at specified conditions		Volume Flow Rate	Consumption	No Load / Zero Flow Power
m <sup>3</sup> / min	ft <sup>3</sup> / 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	
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.