## COMPRESSOR DATA SHEET

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

Rotary Compressor: Variable Frequency Drive

3* 4 5 6 7	Model Number: X Air-cod  Full Load Operatin Drive Motor Nomin Fan Motor Nomin Fan Motor Nomin Inp	mg Pressure binal Rating inal Efficiency al Rating (if applicable)	175 30 93.6 0.40 X 2 NA Capacity (acfm) <sup>a,d</sup>	Date: Type: # of Stages:	06/26/2020 SCREW  1  psig <sup>b</sup> hp  percent hp  percent
3* 4 5 6 7	Full Load Operating Drive Motor Noming Fan Motor Noming Fan Motor Noming Inp	ng Pressure binal Rating inal Efficiency al Rating (if applicable) al Efficiency	175 30 93.6 0.40 X 2 NA	Type: # of Stages:	screw  1  psig b  hp  percent  hp  percent
4 5 6 7	Drive Motor Nomination of Pan	inal Rating inal Efficiency al Rating (if applicable) al Efficiency	175 30 93.6 0.40 X 2 NA		psig <sup>b</sup> hp percent hp percent
4 5 6 7	Drive Motor Nomination of Pan	inal Rating inal Efficiency al Rating (if applicable) al Efficiency	30 93.6 0.40 X 2 NA		hp percent hp percent
5 6 7	Drive Motor Noming Fan Motor Noming Fan Motor Noming Inp	inal Efficiency al Rating (if applicable) al Efficiency	93.6 0.40 X 2 NA		percent hp percent
6 7	Fan Motor Nomina Fan Motor Nomina Inp	al Rating (if applicable) al Efficiency	0.40 X 2 NA		hp percent
7	Fan Motor Nomina Inp	al Efficiency	NA	;	percent
=	Inp			,	percent
8* -	2	ut Power (kW)	Consoity (asfm)a,d	1	
8* -			Capacity (aciii)	Specific Power (kW/100 acfm) <sup>d</sup>	
8* -		28.6	96.0	29.80	
8* -		26.4		29.96	
	24.0		79.0	30.39	
	21.8		70.0	31.09	
F	18.4		54.0	33.98	
	16.6		48.0	34.65	
9*	Total Package Input Power at Zero Flow c, d 0.00		kW		
10	Isentropic Efficien		55.97	9/0	
11		(M) 40 40 35 35 35 36 36 36 36 36 36 36 36 36 36 36 36 36	75 100  Capacity(CFM)  visual representation of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the content of the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments if necessity in the data in S. 5, + SkW/100acfm increments in the data in S. 5, + SkW/100acfm increments in the data in S. 5, + SkW/100acfm increments in the data in S. 5, + SkW/100acfm increments in the data in S. 5, + SkW/100acfm increments in the data in S. 5, + SkW/100acfm increments in the data in S. 5, + SkW/100acfm increments in the data in S. 5, + Sk	125 Section 8	

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



- 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

	lume Flow Rate	Volume Flow Rate	Specific Energy  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	+/- 10%
Above 15	Above 529.7	+/- 4	+/- 5	

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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