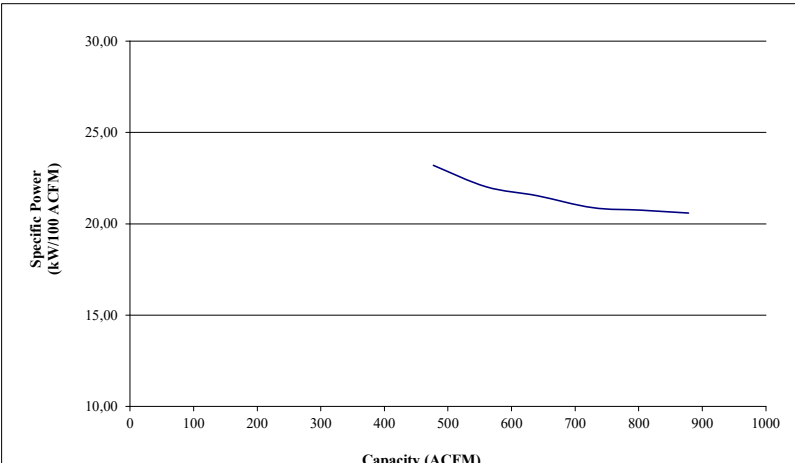


COMPRESSOR DATA SHEET
Federal Uniform Test Method for Certain Air Compressors Not Applicable
Rotary Compressor: Variable Frequency Drive

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer: Hertz Kompressoren		
2	Model Number: EAGLE-N 160	Date: 11.28.25	
	☒ Air-cooled ☐ Water-cooled ☐ Oil-injected ☒ Oil-free	Type: Screw	
	# of Stages: 2		
3	Full Load Operating Pressure	125	psig ^b
4	Drive Motor Nominal Rating	220	hp
5	Drive Motor Nominal Efficiency	97,0%	percent
6	Fan Motor Nominal Rating (if applicable)	3,85	hp
7	Fan Motor Nominal Efficiency	88,0%	percent
8*	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	180,9 Max	878,3	20,59
	166,7	803,7	20,75
	151,9	727,2	20,89
	138,0	640,7	21,54
	123,4	560,4	22,03
	110,7 Min	477,1	23,20
9*	Total Package Input Power at Zero Flow ^{c, d}	83,0	kW
11	 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		

*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

NOTES:

- 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		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	+/- 10%
0.5 to 1.5	17.6 to 53	+/- 6	+/- 7	
1.5 to 15	53 to 529.7	+/- 5	+/- 6	
Above 15	Above 529.7	+/- 4	+/- 5	

ROT 031.1

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.