

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 200		Date: 01.22.26	
	<input checked="" type="checkbox"/> Air-cooled	<input type="checkbox"/> Water-cooled	Type: Screw	
	<input type="checkbox"/> Oil-injected	<input checked="" type="checkbox"/> Oil-free	# of Stages: 2	
3	Full Load Operating Pressure		150	psig ^b
4	Drive Motor Nominal Rating		270	hp
5	Drive Motor Nominal Efficiency		96,5%	percent
6	Fan Motor Nominal Rating (if applicable)		7,7	hp
7	Fan Motor Nominal Efficiency		88,0%	percent
8*	Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d
	277,8		Max 1220,9	22,76
	249,6		1110,1	22,48
	227,1		999,3	22,72
	212,1		910,6	23,29
	187,7		799,8	23,46
	166,2		Min 689,0	24,12
9*	Total Package Input Power at Zero Flow ^{c,d}		94,0	kW
11	<p style="text-align: center;">Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 10 to 35, + 5kW/100acf m 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
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
<u>m³ / min</u>	<u>ft³ / min</u>	%	%	%
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	