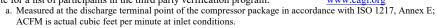


COMPRESSOR DATA SHEET

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

Manufacturer: Hertz Komp Model Number: IMPETUS	pressoren							
Model Number: IMPETUS		1 Manufacturer: Hertz Kompressoren						
111111111111111111111111111111111111111	VSD 132	Date:	03/07/23					
X Air-cooled Water-o	cooled	Туре:	Screw					
X Oil-injected Oil-free		# of Stages:	2					
Rated Operating Pressure		100	psig ^b					
Drive Motor Nominal Rating		180	hp					
Drive Motor Nominal Efficiency		96.9	percent					
Fan Motor Nominal Rating (if applicable)		4.0 / 2.0	hp					
Fan Motor Nominal Efficiency		86 / 83	percent					
Input Power (kW)		Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d					
166.6	Max	978.7	17.03					
138.6		838.8	16.53					
115.4		704.7	16.38					
91.5		555.8	16.47					
70.5		422.7	16.68					
47.5	Min	271.6	17.49					
Total Package Input Power at Zero Flow ^{c, d}		20.3	kW					
Isentropic Efficiency		78.1	Percent					
	s only a visual rep	presentation of the data in Section						
	Rated Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Efficiency Input Power (kW) 166.6 138.6 115.4 91.5 70.5 47.5 Total Package Input Power at Zero Flow Isentropic Efficiency Input Power at Zero Flow Isentropic Efficiency Note: Graph is Note: Y-Axis Scale	Rated Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Efficiency Input Power (kW) 166.6 Max 138.6 115.4 91.5 70.5 47.5 Min Total Package Input Power at Zero Flow ^{c, d} Isentropic Efficiency Solution of the street of the s	Rated Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency B6 / 83 Input Power (kW) Capacity (acfm) ^{a,d} 166.6 Max 978.7 138.6 838.8 115.4 704.7 91.5 555.8 70.5 422.7 47.5 Min 271.6 Total Package Input Power at Zero Flow ^{c,d} Isentropic Efficiency 30.00 25.00 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:

Vo	olume Flow Rate		Specific Energy	
at sp	pecified conditions	Volume Flow Rate	Consumption	No Load / Zero Flow Power
m ³ / min	ft³ / 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.