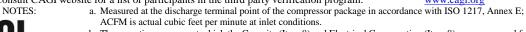


COMPRESSOR DATA SHEET

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

MODEL DATA - FOR COMPRESSED AIR						
Hertz Kompressoren						
IMPETUS VSD 55	Date:	12.18.23				
X Water-cooled	Type:	Screw				
Oil-free	# of Stages:	2				
Rated Operating Pressure		$psig^b$				
Drive Motor Nominal Rating		hp				
Drive Motor Nominal Efficiency		percent				
Fan Motor Nominal Rating (if applicable)		hp				
Fan Motor Nominal Efficiency		percent				
er (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
Max	323,1	19,54				
	278,6	19,46				
	234,5	19,63				
	186,5	20,02				
	136,7	21,26				
Min	78,0	28,86				
Total Package Input Power at Zero Flow ^{c, d}		kW				
Isentropic Efficiency		Percent				
Note: Graph is only a visual rep	resentation of the data in Section					
-	Capacit Note: Graph is only a visual rep Note: Y-Axis Scale, 10 to 35, + 5kW/	100 200 300 Capacity (ACFM) Note: Graph is only a visual representation of the data in Section Note: Y-Axis Scale, 10 to 35, + 5kW/100acfm increments if necessary ab 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



- 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

Vo	lume Flow Rate		Specific Energy	
at sp	ecified conditions	Volume Flow Rate	Consumption	No Load / Zero Flow Power
$\underline{\mathbf{m}^3 / \mathbf{min}}$	ft ³ / 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	

OT 031.1

2/19 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.