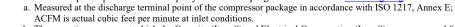


COMPRESSOR DATA SHEET

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

MODEL DATA - FOR COMPRESSED AIR							
1	Manufacturer: Hertz Kompressoren						
	Model Number: IMPETUS VSD 250	Date:	03/07/23				
2	X Air-cooled Water-cooled	Type:	Screw				
	X Oil-injected Oil-free	# of Stages:	2				
3	Rated Operating Pressure	175	psig ^b				
4	Drive Motor Nominal Rating	335	hp				
5	Drive Motor Nominal Efficiency	97	percent				
6	Fan Motor Nominal Rating (if applicable)	7.0 / 3.0	hp				
7	Fan Motor Nominal Efficiency	88 / 84	percent				
	Input Power (kW)	Capacity (acfm) ^{a,d}	Specific Power (kW/100 acfm) ^d				
	292.3 Max	1366.3	21.40				
	260.9	1204.1	21.66				
8*	228.2	1031.2	22.13				
	203.6	921.7	22.09				
	172.6	748.6	23.06				
	143.6 Min	580.9	24.72				
9*	Total Package Input Power at Zero Flow ^{c, d}	45.0	kW				
10	Isentropic Efficiency	83.7	Percent				
11	· ·	ity (ACFM)	1650 1800 1950				
	Note: Y-Axis Scale, 10 to 35, + 5kW	presentation of the data in Section /100acfm increments if necessary a % over maximum capacity	above 35				

*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:

Volume Flow Rate			Specific Energy	
at specified conditions		Volume Flow Rate	Consumption	No Load / Zero Flow Power
m ³ / 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	

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.