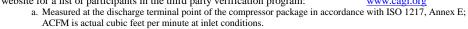


COMPRESSOR DATA SHEET

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

Manufacturer: Hertz Kompressoren Model Number: IMPETUS VSD 37 Air-cooled X Water-cooled X Oil-injected Oil-free Rated Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2 21,1	Date: Type: # of Stages: 150 50 96,1 N/A N/A Capacity (acfm) ^{a,d} 213,7 189,6 153,3 125,4	12.18.23 Screw 2 psig ^b hp percent hp percent Specific Power (kW/100 acfm) ^d 20,22 19,77 20,61
Air-cooled X Water-cooled X Oil-injected Oil-free Rated Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2	Type: # of Stages: 150 50 96,1 N/A N/A Capacity (acfm) ^{a,d} x 213,7 189,6 153,3	Screw 2 psig ^b hp percent hp percent Specific Power (kW/100 acfm) ^d 20,22 19,77
X Oil-injected Oil-free Rated Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2	# of Stages: 150 50 96,1 N/A N/A Capacity (acfm) ^{a,d} 213,7 189,6 153,3	psig ^b hp percent hp percent Specific Power (kW/100 acfm) ^d 20,22 19,77
Rated Operating Pressure Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2	150 50 96,1 N/A N/A Capacity (acfm) ^{a,d} x 213,7 189,6 153,3	psig ^b hp percent hp percent Specific Power (kW/100 acfm) ^d 20,22 19,77
Drive Motor Nominal Rating Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2	50 96,1 N/A N/A Capacity (acfm) ^{a,d} x 213,7 189,6 153,3	hp percent hp percent Specific Power (kW/100 acfm) ^d 20,22 19,77
Drive Motor Nominal Efficiency Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2	96,1 N/A N/A Capacity (acfm) ^{a,d} x 213,7 189,6 153,3	percent hp percent Specific Power (kW/100 acfm) ^d 20,22 19,77
Fan Motor Nominal Rating (if applicable) Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2	N/A N/A Capacity (acfm) ^{a,d} x 213,7 189,6 153,3	hp percent Specific Power (kW/100 acfm) ^d 20,22 19,77
Fan Motor Nominal Efficiency Input Power (kW) 43,2 Ma 37,5 31,6 26,2	N/A Capacity (acfm) ^{a,d} 213,7 189,6 153,3	percent Specific Power (kW/100 acfm) ^d 20,22 19,77
Input Power (kW) 43,2 Ma 37,5 31,6 26,2	Capacity (acfm) ^{a,d} 213,7 189,6 153,3	Specific Power (kW/100 acfm) ^d 20,22 19,77
43,2 Ma 37,5 31,6 26,2	213,7 189,6 153,3	(kW/100 acfm) ^d 20,22 19,77
37,5 31,6 26,2	189,6 153,3	19,77
31,6 26,2	153,3	<u> </u>
26,2		20,61
	125.4	
21.1	,-	20,86
21,1	96,1	21,96
16,0 Mi	60,4	26,56
Total Package Input Power at Zero Flow ^{c, d}	5,6	kW
Isentropic Efficiency	81,8	Percent
35,00 35,00 30,00 30,00 25,00 25,00 20,00	200	300
	Specific Power 25,00 10,00 10,00 100 100	25,00 25,00 20,00 15,00 10,00

*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

NOTES:

Volume Flow Rate			Specific Energy	
at specified 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	+/- 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	

OT 031.1

7/19 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.